WALCHEM

IWAKI America Inc.

WebMaster® & WebAlert® Quick Start Guide

WebMaster®/WebAlert®
USB Style
Quick Start Guide

Five Boynton Road Hopping Brook Park Holliston, MA 01746 USA

TEL: 508-429-1110 FAX: 508-429-7433 WEB: www.walchem.com

Notice

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Computer Requirements

The computer hardware guidelines for establishing a connection with the WebMaster/WebAlert are basically the same requirements as surfing the Internet. You'll need sufficient memory to run your computer's operating system and web browser, and a CPU with enough processing speed to easily handle web pages for easy viewing.

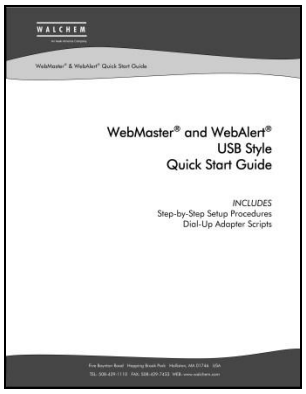
Computer requirements for all four methods of communication are as follows:

- At least one available USB port
- 100 MHz min. processor
- 40MB minimum RAM
- Windows operating system (2000, XP,Vista, Windows 7 or 8) or MAC OSX
- Windows Internet Explorer (ver. 5.0 or higher), Firefox or Safari

Support Literature

Simple Step-by-Step instructions in our support literature will help make the start-up of your WebMaster/WebAlert quick and easy. The following materials have been supplied to help get you started:

- ✓ Quick Start Guide
- ✓ Instruction Manual
- ✓ USB cable (A-B)
- ✓ USB Driver CD



Introduction

This Quick Start Guide is designed to help you establish basic communications with your WebMaster/WebAlert.

There are four methods of communicating with your device. Each connection is simple and requires no proprietary software on your computer.

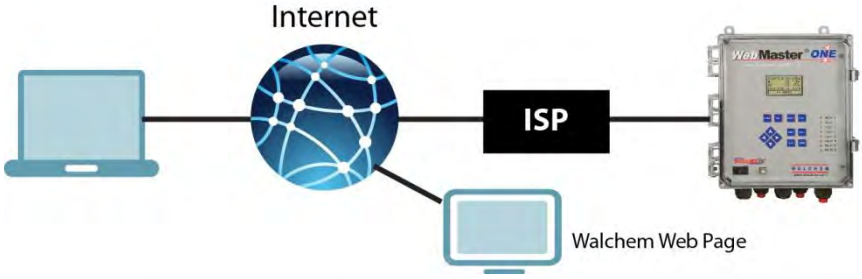
The five methods of communication with the WebMaster/WebAlert are as follows:

1 USB (standard)

For local monitoring and reconfiguration of your device via Laptop or dedicated on-site desktop. (Windows XP, Vista,Windows 7, Windows 8 or Mac OSX)

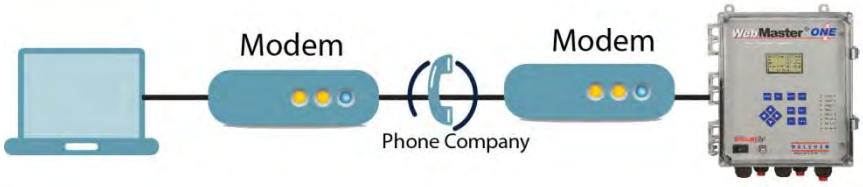
2 ShoulderTap Internet Communications

For monitoring and reconfiguration of your device remotely via the Internet. (Requires modem card option)



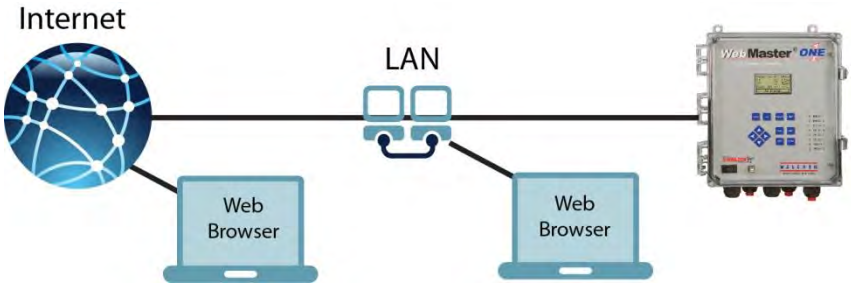
3 DirectTap Modem-to-Modem

For monitoring and reconfiguration of your device remotely using traditional modem-to-modem communications. (Requires modem card option)



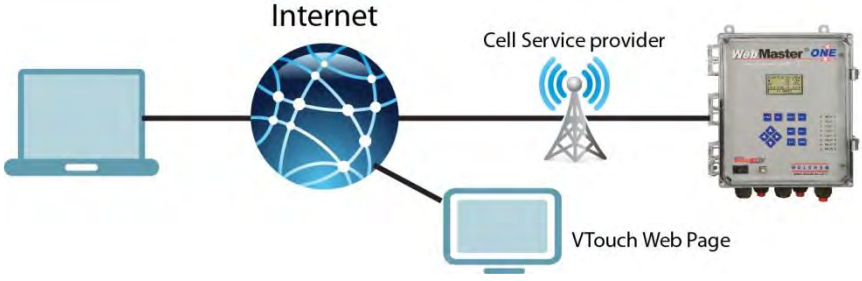
4 Ethernet

For monitoring and reconfiguration of your device via Local Area Network



5 Cellular

For monitoring and reconfiguration of your WebMasterONE remotely via the Internet (requires cell modem and Vtouch option).



Getting Started

The majority of local reconfiguration of your WebMaster/WebAlert will be done with the USB connection. **The Instruction Manual has detailed steps for initiating USB communications.**

The following steps are required to get started:

- A USB driver needs to be added to your PC. This driver only needs to be installed once and can be used to communicate with any WebMaster/WebAlert. The USB driver may only be used with **Windows XP, Vista, Windows 7, Window 8, or Mac OSX.**
- Step-by-Step instructions for installing the USB driver are included in this guide. Find the operating system that is installed on your computer (**Windows XP, Vista, Windows 7, Windows 8, or Mac OSX.**) and follow the instructions. The instruction manual will help guide you through the remainder of the process.

ShoulderTap®

ShoulderTap is Walchem's patented Server On-Demand Technology. The software allows you to communicate with the WebMaster/WebAlert over the Internet without the need to be online all the time. Having the web-based device online only when needed makes the connection secure and cost effective. The modem option must be installed in order to ShoulderTap.

If you choose to utilize the ShoulderTap remote communications feature, an Internet Service Provider (ISP) account must be established for your WebMaster/WebAlert, similar to what you may use to access the Internet from home. This account provides the WebMaster/WebAlert with Internet dial-up access. The following information will be needed to establish ShoulderTap communications:

- **ISP User Name** - the name that the controller will use to connect to the ISP
- **ISP Password** - the security ID that the controller will use to connect to the ISP
- **Controller Phone Number** - the number of the analog phone line attached to your WebMaster/WebAlert ... this is used to identify which WebMaster/WebAlert you want to communicate with.
- **Local Access Number For The ISP** - the local phone number that the controller will dial out to for Internet access.

The Instruction Manual provides more details on the ShoulderTap® process.

Choosing an ISP

There is a large selection of ISPs available with a variety of service plans. Walchem recommends selecting an ISP that has easy access and is reliable. Some ISPs can have spotty coverage that can be very unreliable during peak hours. ISPs that require you to load software will not work.

Walchem recommends the following ISP for best results:

SurfBest Information is available at www.surfbest.net or by dialing (207)-384-4234

EARTHLINK is also reliable in many locations. Information is available at www.earthlink.com or 1-800-EARTHLINK.

If you want to receive e-mails from your controller (alarms, datalogs and system summaries) your ISP will provide you with an SMTP server address.

The Communications section of the Instruction Manual provides additional instructions on receiving e-mails.

The Auto Reporting section in the Instruction Manual contains detailed information on auto-reporting.

DirectTap Modem-to-Modem

Your WebMaster/WebAlert can also be accessed via DirectTap modem-to-modem communications. DirectTap is primarily used as a diagnostic tool or for initial set-up. DirectTap enables the user to connect directly to the WebMaster/WebAlert via a phone line without using the Internet. When the Internet is not available or at peak Internet usage, you can access your device directly with your modem. Unlike ShoulderTap, DirectTap is limited to one user at a time. DirectTap can be used to dial into a controller for initial set-up. The modem option is required to DirectTap. **Refer to the Instruction Manual.**

Ethernet

Your WebMaster/WebAlert can be placed directly on a Wide Area Network (WAN) or Local Area Network (LAN) just like any PC or standard piece of office equipment such as a network printer. The device only needs to be assigned an IP address from the on-site IT administrator for access via an Ethernet connection for a WebMaster/WebAlert.
The Instruction Manual provides a step-by-step guide for Ethernet communications.

QUICK START GUIDE

Section 1: WINDOWS 8

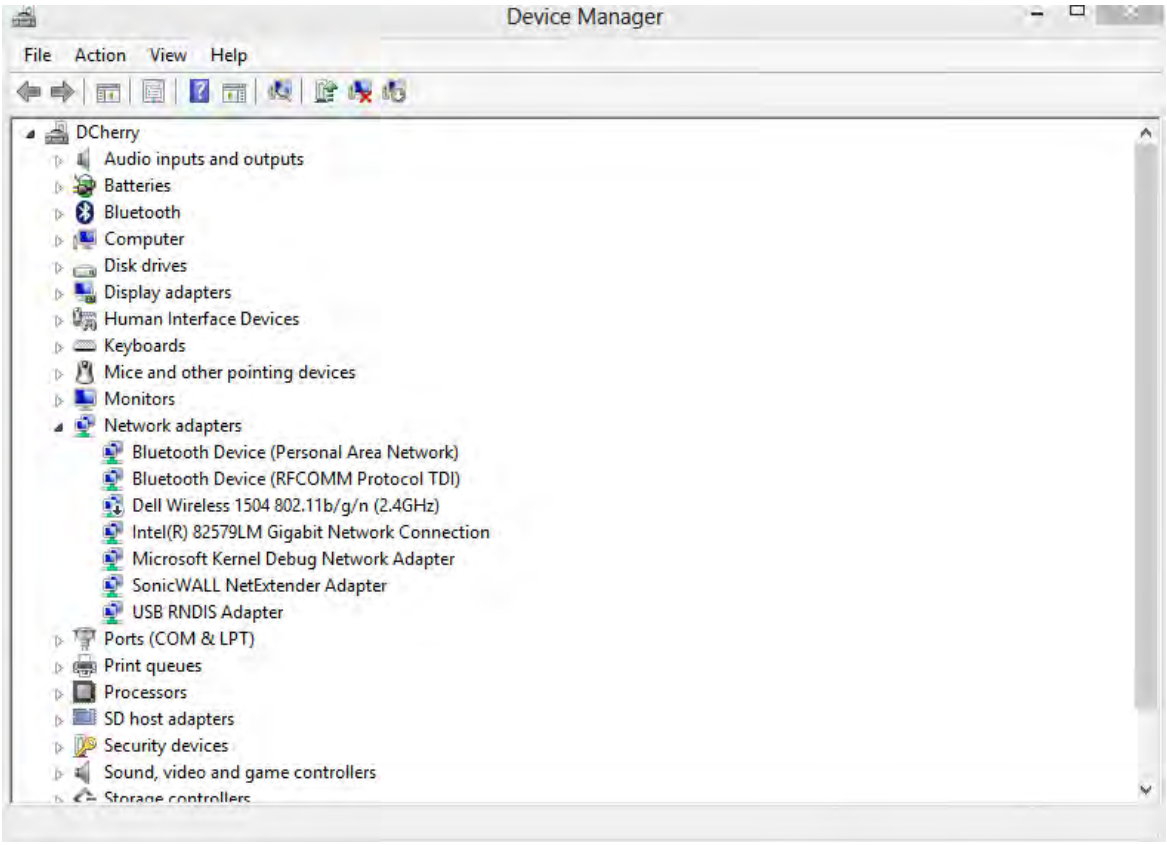
1. ***USB DRIVER INSTALLATION***

2. ***DIRECT MODEM TO MODEM COMMUNICATIONS***

1. USB DRIVER INSTALLATION FOR WINDOWS 8

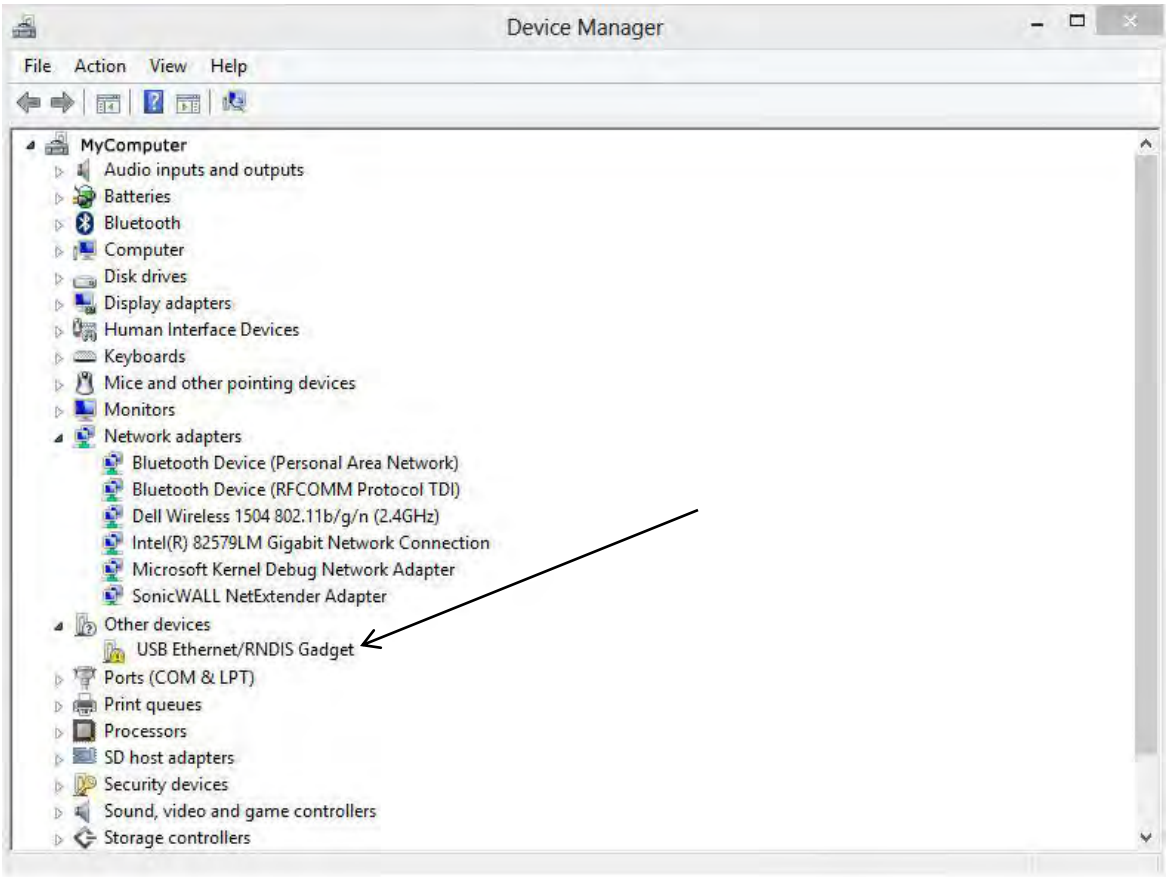
Step 1

- ► Plug the USB cable into the WebMaster/WebAlert and your computer.
- ► Go to the Device Manager (right-click the lower left corner, select Control Panel, then Device manager)



Step 2

► Right-click the RNDIS Ethernet Gadget with the yellow exclamation mark.
► Select Update Driver.



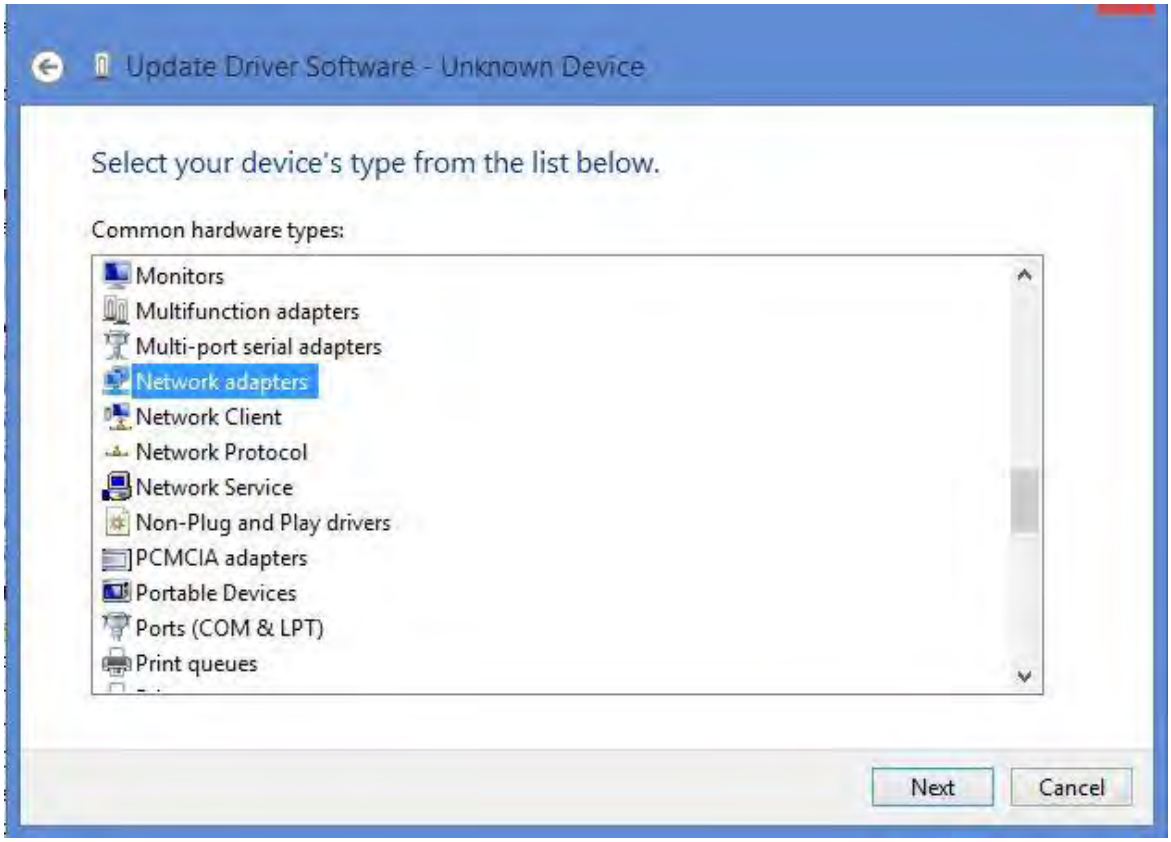
Step 3

- ► Select Browse my computer
- ► Select "Let me pick from a list of device drivers on my computer"

Update Driver Software - Unknown Device
Browse for driver software on your computer
Search for driver software in this location:
Browse...
Include subfolders
Let me pick from a list of device drivers on my computer
This list will show installed driver software compatible with the device, and all driver software in the same category as the device.
Next
Cancel

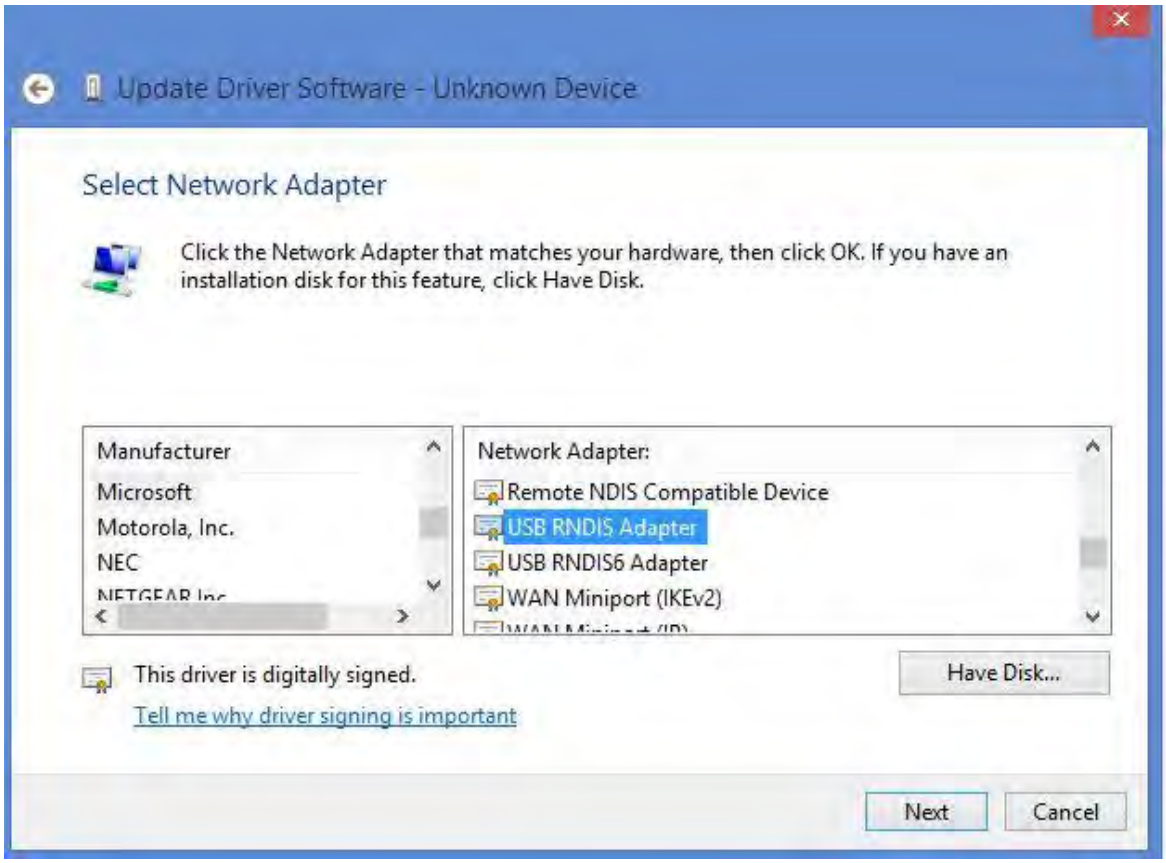
Step 4

► Select Network Adapter, click Next



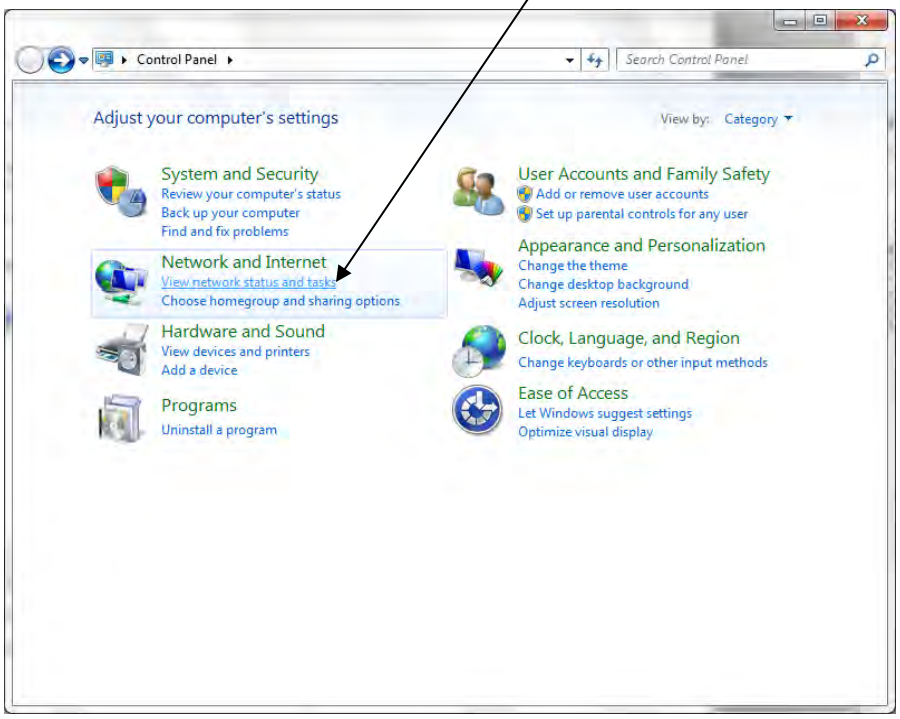
Step 5

► Select Microsoft and then USB RNDIS Adapter


Update Driver Software - Unknown Device
Select Network Adapter
Click the Network Adapter that matches your hardware, then click OK. If you have an installation disk for this feature, click Have Disk.
Manufacturer
Microsoft
Motorola, Inc.
NEC
Network Adapter:
Remote NDIS Compatible Device
USB RNDIS Adapter
USB RNDIS6 Adapter
WAN Miniport (IKEv2)
This driver is digitally signed.
Tell me why driver signing is important
Have Disk...
Next
Cancel

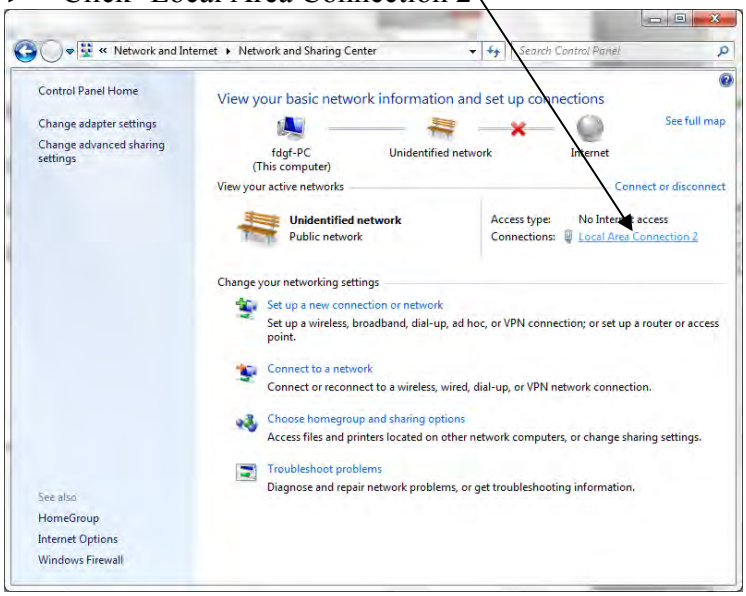
Step 6

- ► Return to the Control Panel
- ► Click 'View Network Status and Tasks'



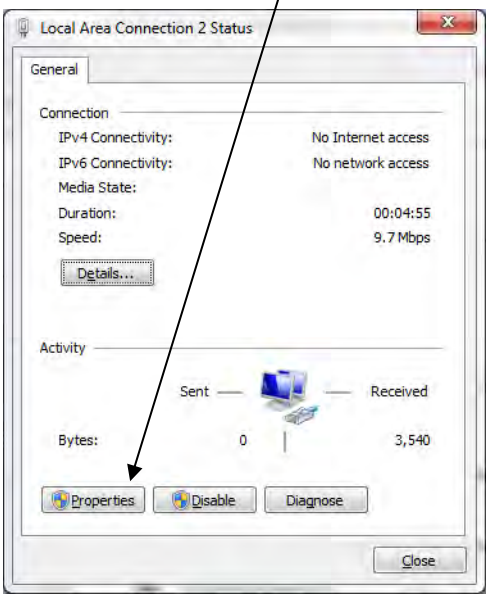
Step 7

► Click 'Local Area Connection 2'


Network and Internet ▸ Network and Sharing Center
Search Control Panel
Control Panel Home
Change adapter settings
Change advanced sharing settings
View your basic network information and set up connections
See full map
fdgf-PC (This computer)
Unidentified network
Internet
View your active networks
Connect or disconnect
Unidentified network
Public network
Access type: No Internet access
Connections: Local Area Connection 2
Change your networking settings
Set up a new connection or network
Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point.
Connect to a network
Connect or reconnect to a wireless, wired, dial-up, or VPN network connection.
Choose homegroup and sharing options
Access files and printers located on other network computers, or change sharing settings.
Troubleshoot problems
Diagnose and repair network problems, or get troubleshooting information.
See also
HomeGroup
Internet Options
Windows Firewall

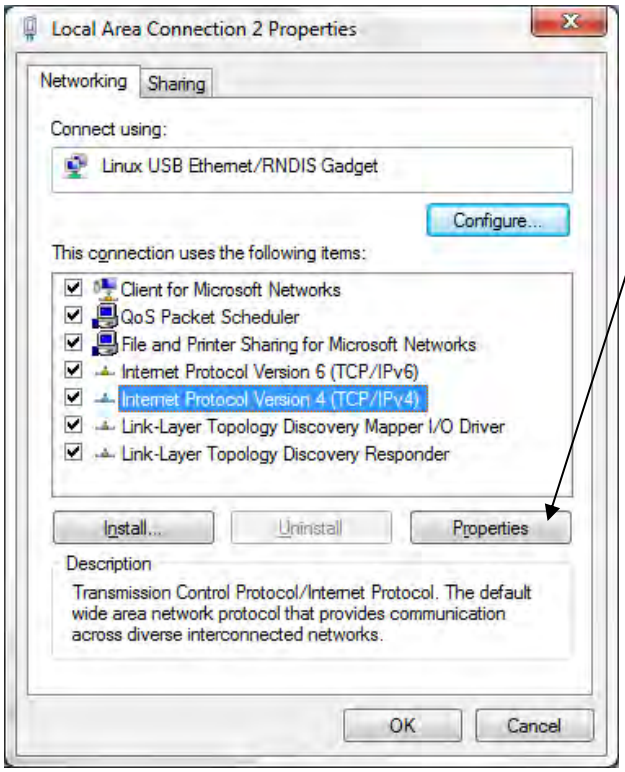
Step 8

► Click 'Properties'



Step 9

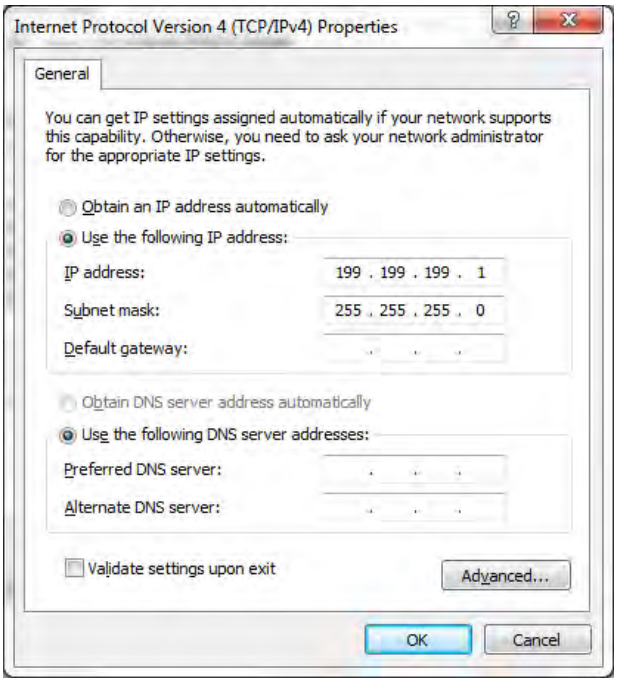
► Highlight Internet Protocol Version 4 (TCP/IPv4) and then click 'Properties'



Step 10

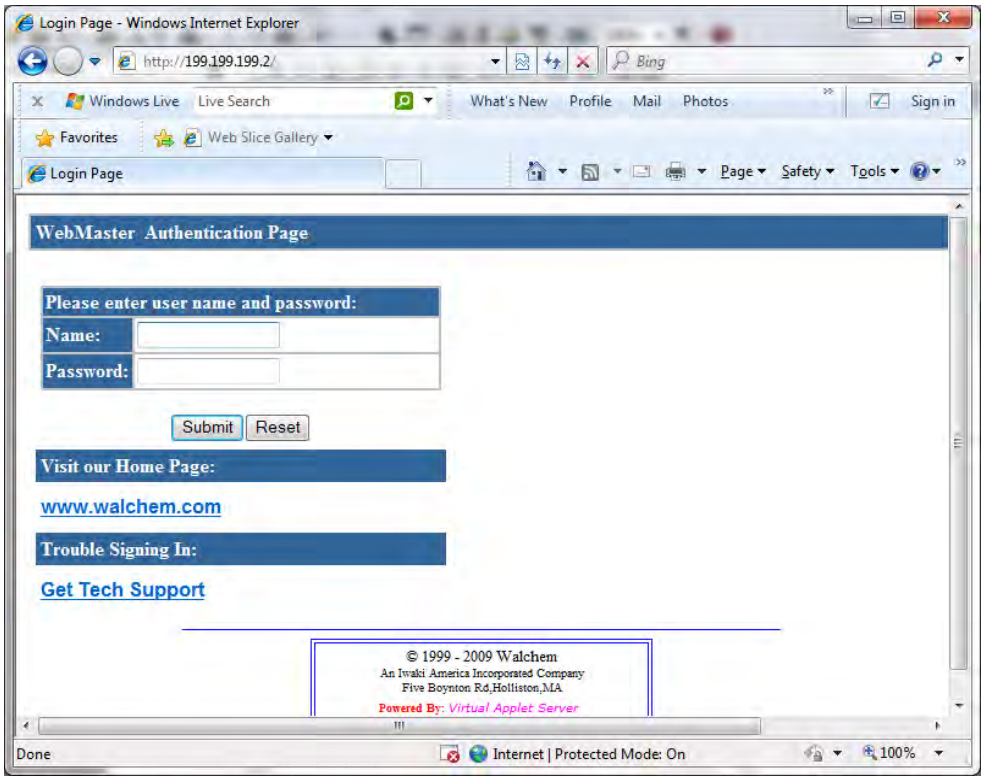
► Select 'Use the following IP address' and type in 199.199.199.1

► Click 'OK'


Internet Protocol Version 4 (TCP/IPv4) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address: 199 . 199 . 199 . 1
Subnet mask: 255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Validate settings upon exit
Advanced...
OK
Cancel

Step 11

► Open Internet Explorer and enter 199.199.199.2 in the address bar.
The WebMaster Authentication screen appears as shown below:

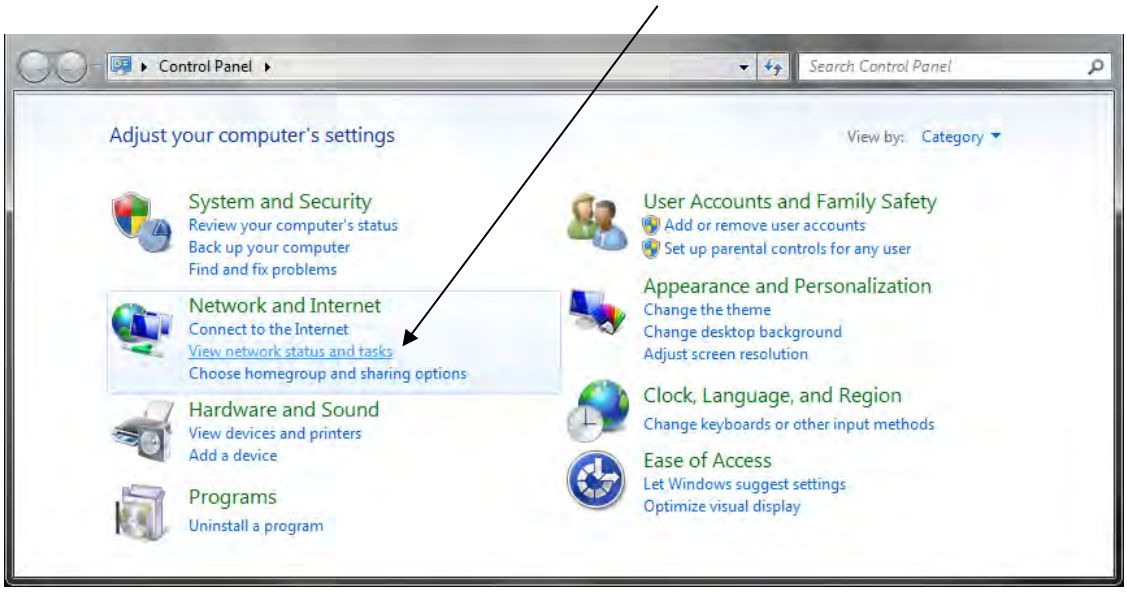


2. DIRECT MODEM SET-UP FOR WINDOWS 8

Step 1

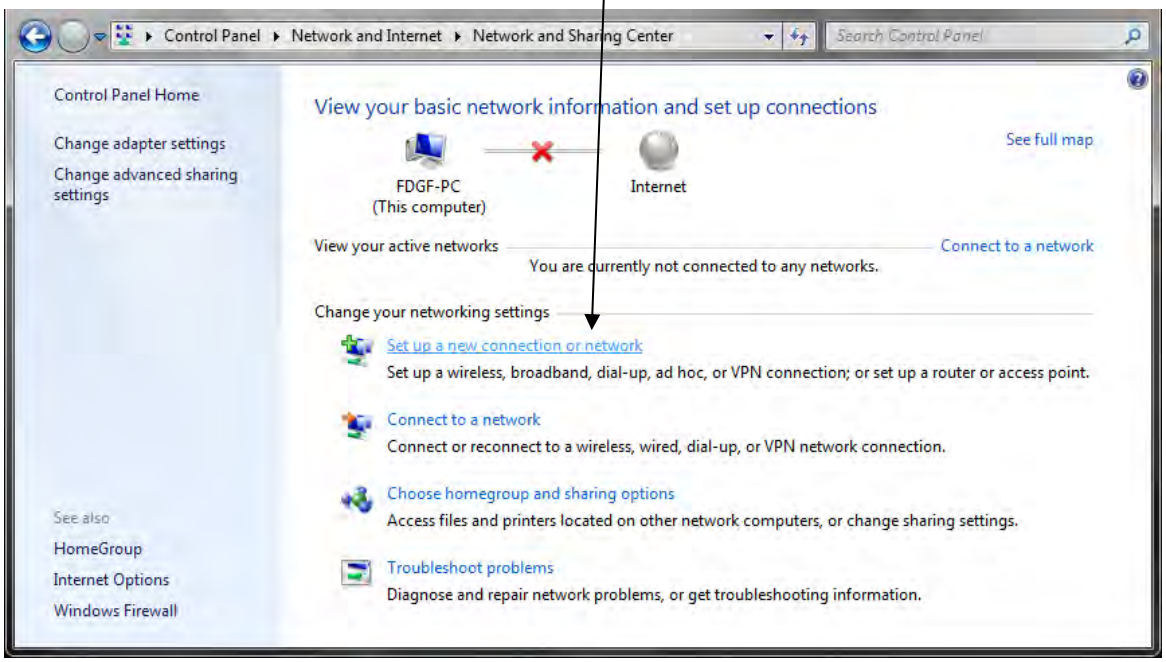
► Go to Start, Control Panel

► Under 'Network and Internet', click 'View network status and tasks'



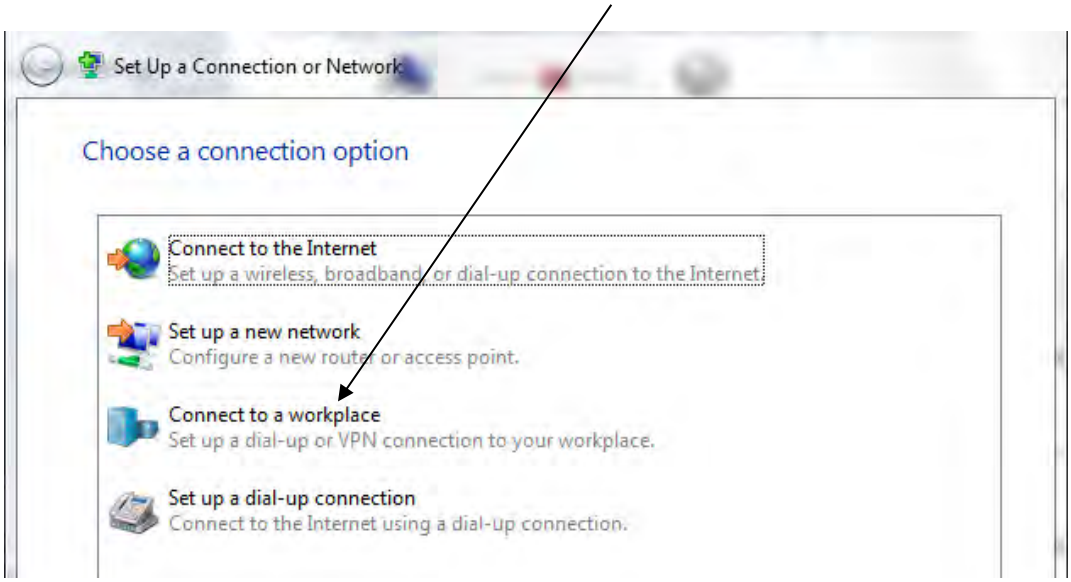
Step 2

► Click 'Set up a new connection or network'


Control Panel ▸ Network and Internet ▸ Network and Sharing Center
Search Control Panel
Control Panel Home
Change adapter settings
Change advanced sharing settings
View your basic network information and set up connections
See full map
FDGF-PC
(This computer)
Internet
View your active networks
Connect to a network
You are currently not connected to any networks.
Change your networking settings
Set up a new connection or network
Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point.
Connect to a network
Connect or reconnect to a wireless, wired, dial-up, or VPN network connection.
Choose homegroup and sharing options
Access files and printers located on other network computers, or change sharing settings.
Troubleshoot problems
Diagnose and repair network problems, or get troubleshooting information.
See also
HomeGroup
Internet Options
Windows Firewall

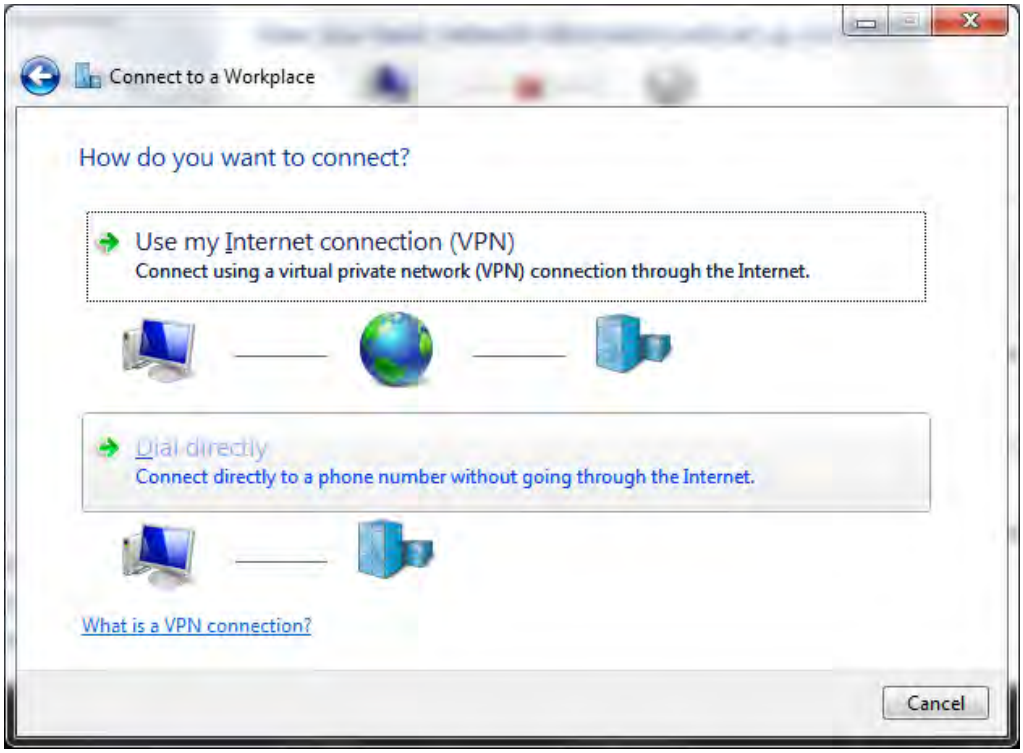
Step 3

► Select 'Connect to a workplace' and then 'Next'


Set Up a Connection or Network
Choose a connection option
Connect to the Internet
Set up a wireless, broadband, or dial-up connection to the Internet.
Set up a new network
Configure a new router or access point.
Connect to a workplace
Set up a dial-up or VPN connection to your workplace.
Set up a dial-up connection
Connect to the Internet using a dial-up connection.

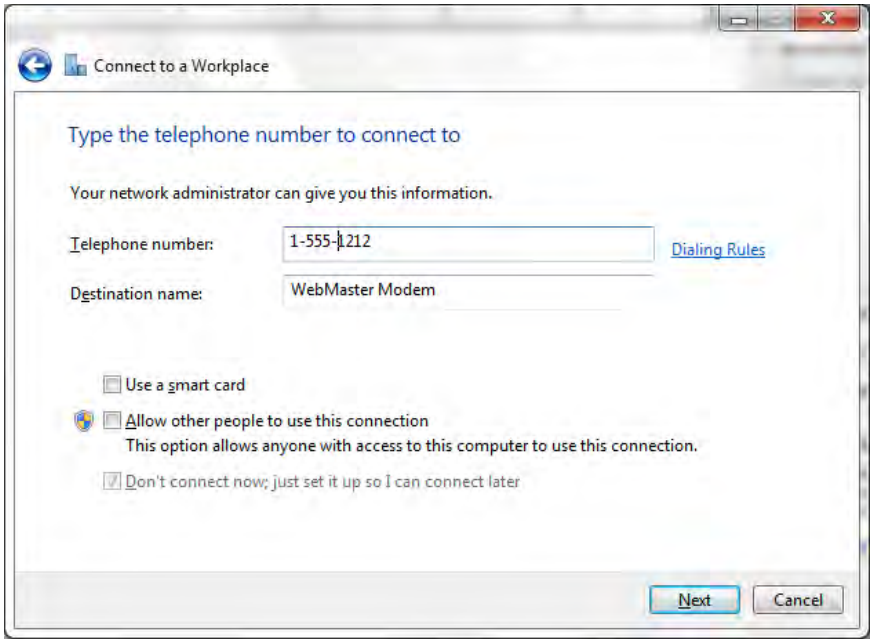
Step 4

► Click 'Dial Directly'


Connect to a Workplace
How do you want to connect?
Use my Internet connection (VPN)
Connect using a virtual private network (VPN) connection through the Internet.
Dial directly
Connect directly to a phone number without going through the Internet.
What is a VPN connection?
Cancel

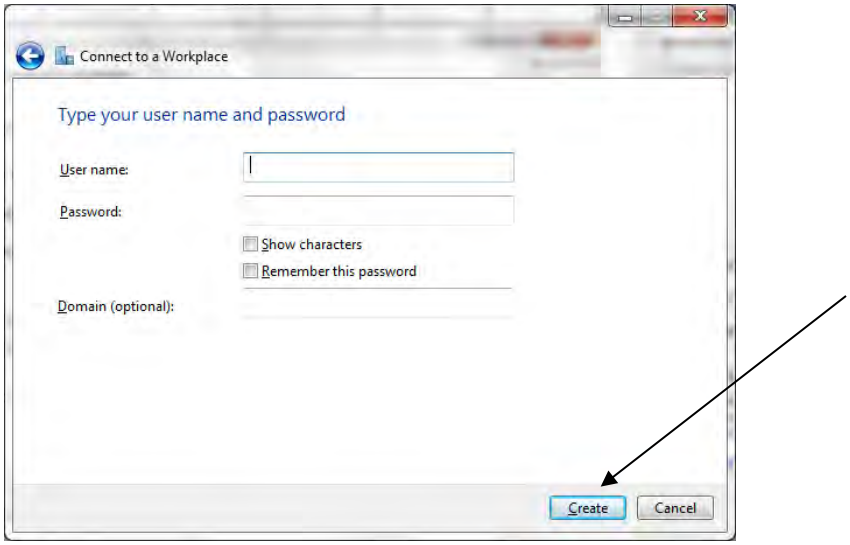
Step 5

► Add a phone number (this can be changed whenever you use the connection)
► Check the box next to 'Don't connect now'
► Click 'Next'


Connect to a Workplace
Type the telephone number to connect to
Your network administrator can give you this information.
Telephone number:
1-555-1212
Dialing Rules
Destination name:
WebMaster Modem
Use a smart card
Allow other people to use this connection
This option allows anyone with access to this computer to use this connection.
Don't connect now; just set it up so I can connect later
Next
Cancel

Step 6

► Click 'Create'



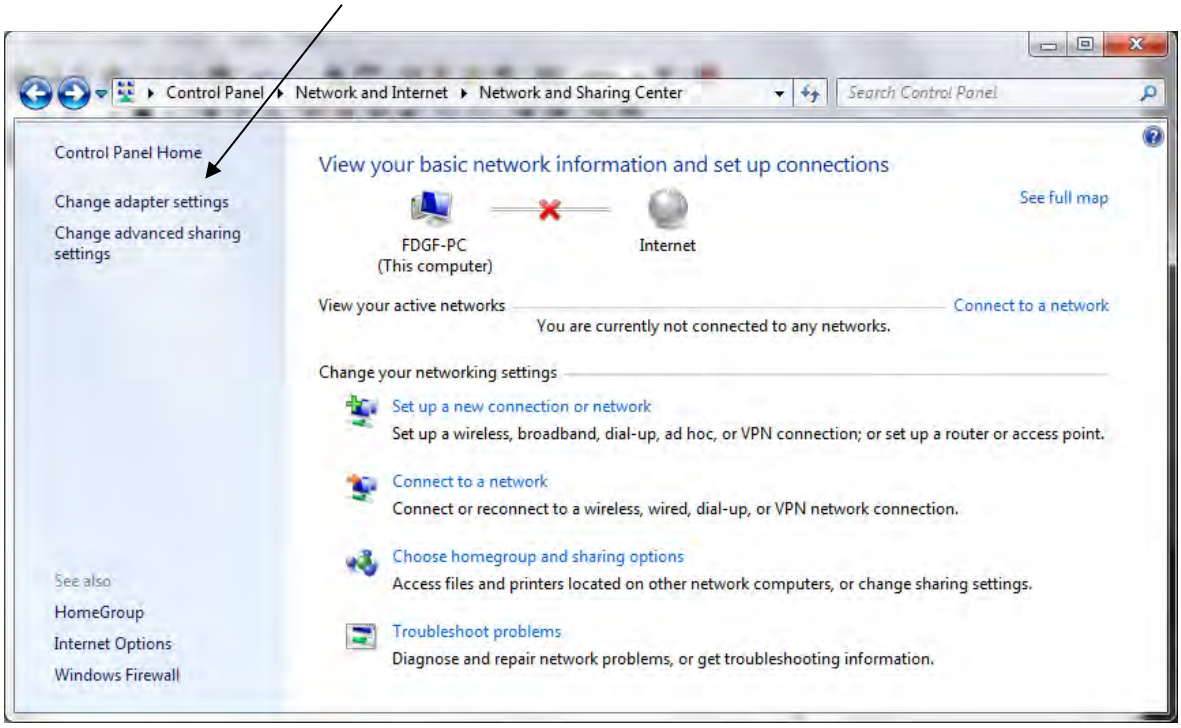
Step 7

► Click 'Close'

► Return to the Network and Sharing Center

Step 8

► Click 'Change adapter settings' on the left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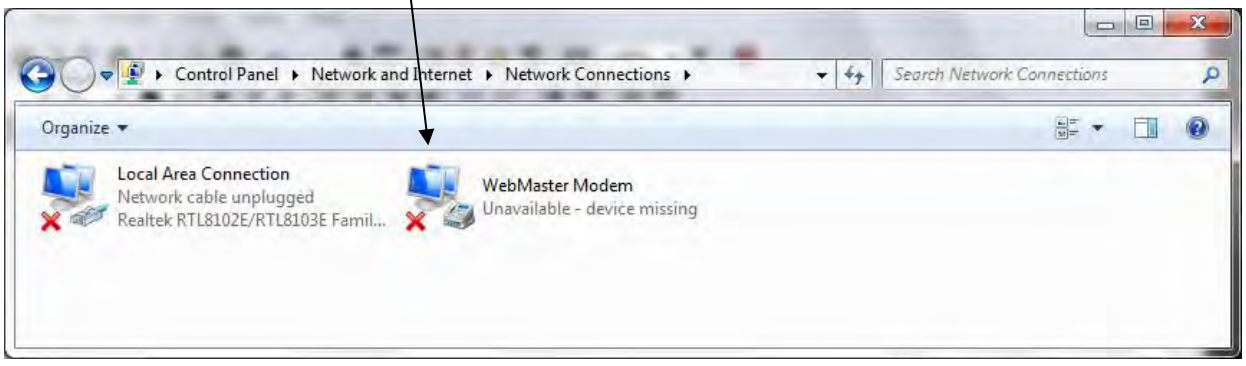
Troubleshoot problems
Diagnose and repair network problems, or get troubleshooting information.
See also
HomeGroup
Internet Options
Windows Firewall

Step 9

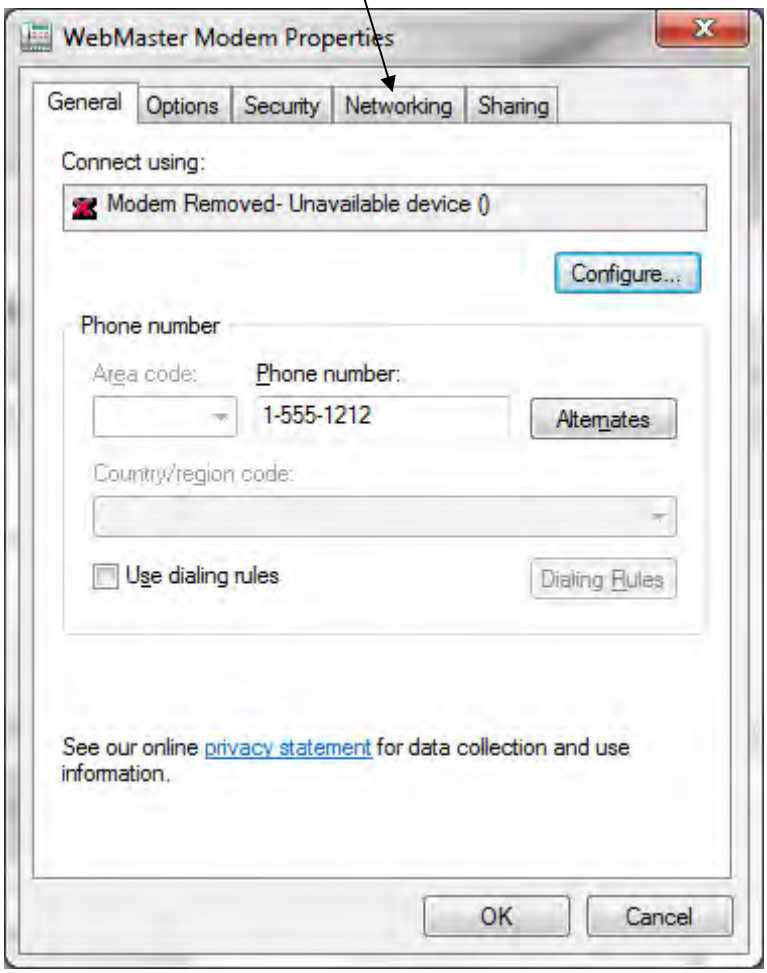
► Right click 'WebMaster Modem'

► Select 'Properties'



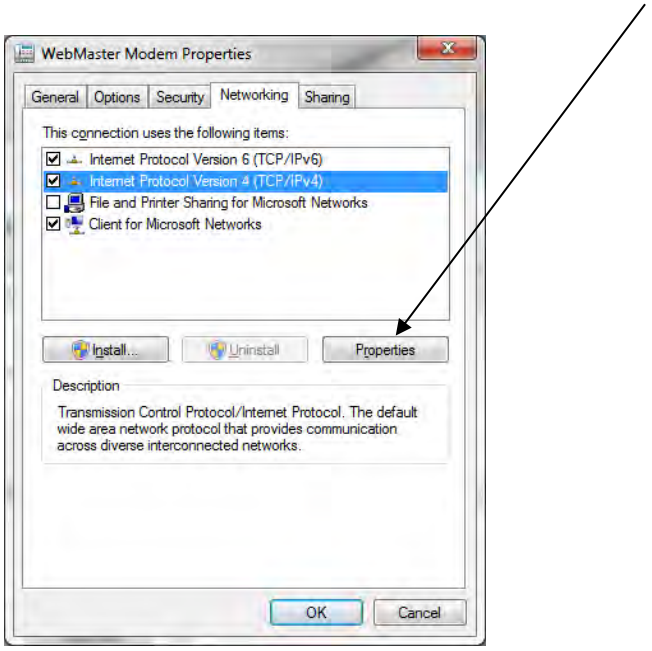
Step 10

► Click 'Networking' tab



Step 11

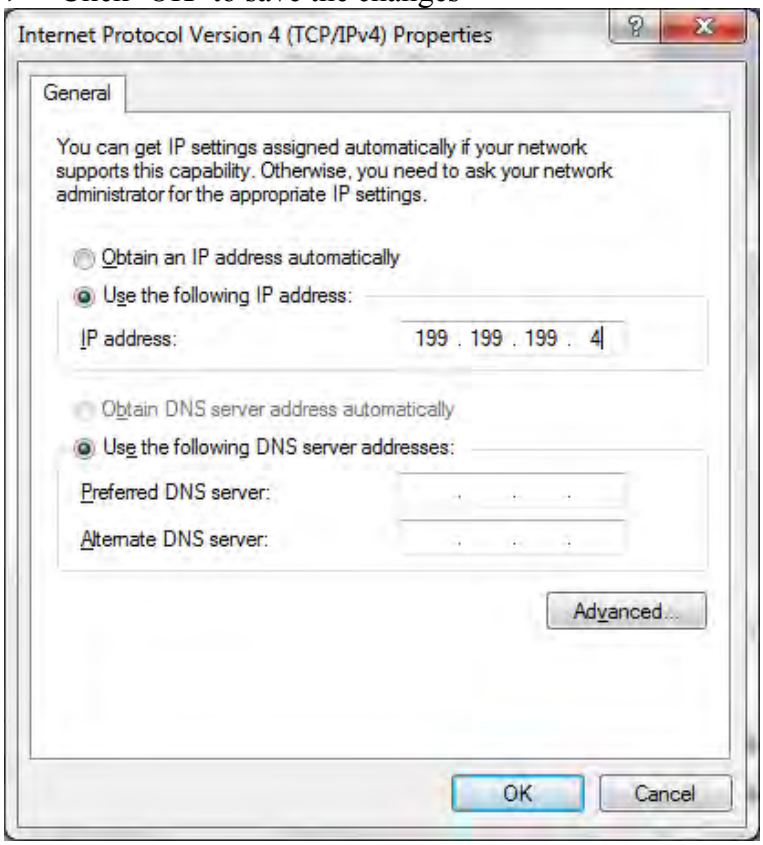
► Select 'Internet Protocol Version 4' and click 'Properties' button



Step 12

► Select 'Use the following IP address' and change the IP address to 199.199.199.4

► Click 'OK' to save the changes


Internet Protocol Version 4 (TCP/IPv4) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
199 . 199 . 199 . 4
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

QUICK START GUIDE

Section 2: WINDOWS 7

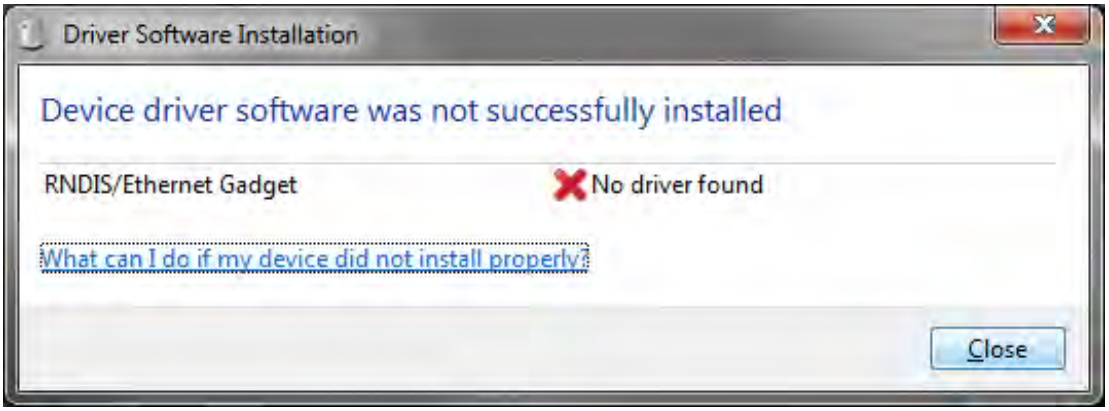
1. USB DRIVER INSTALLATION

2. DIRECT MODEM TO MODEM COMMUNICATIONS

1. USB DRIVER INSTALLATION FOR WINDOWS 7

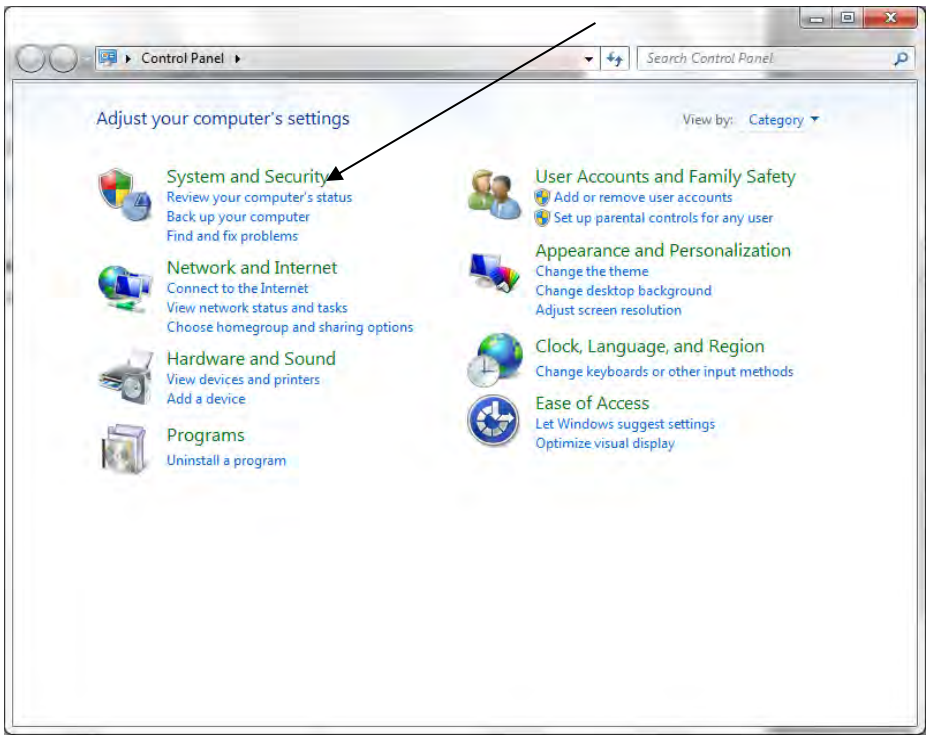
Step 1

► Plug the USB cable into the WebMaster/WebAlert and your computer.
► You will see this message on your screen


Driver Software Installation
Device driver software was not successfully installed
RNDIS/Ethernet Gadget
No driver found
What can I do if my device did not install properly?
Close

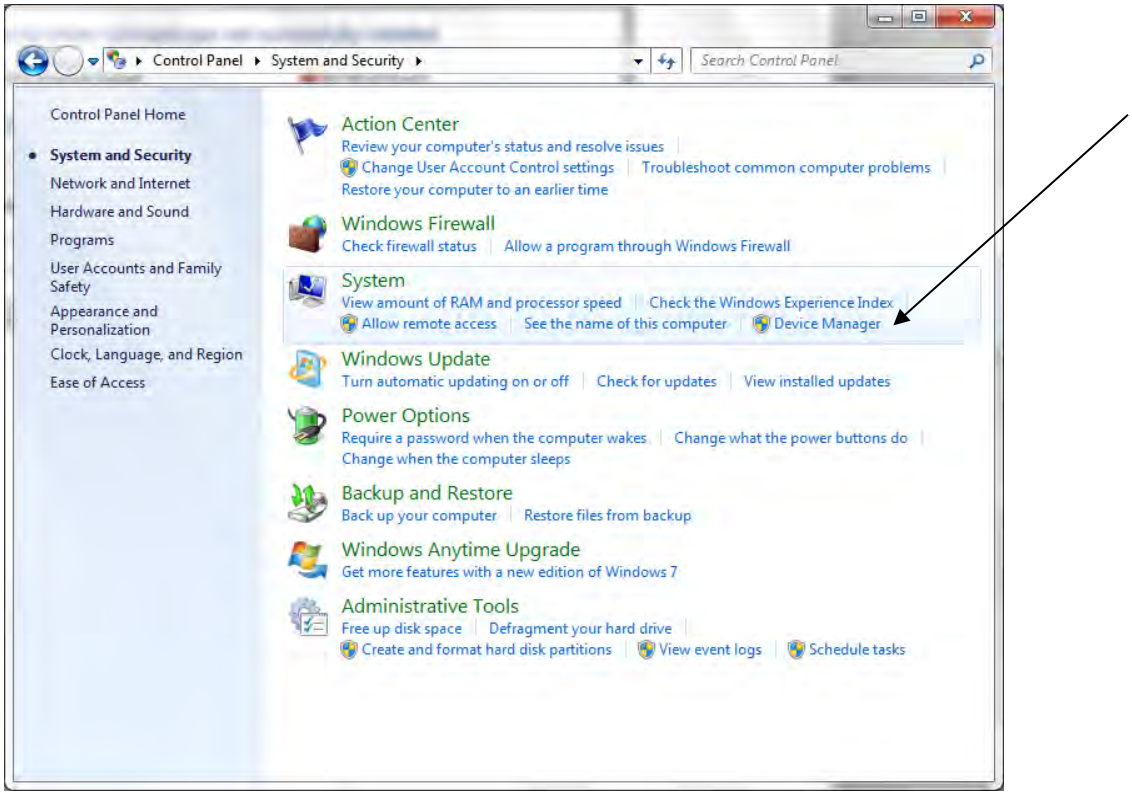
Step 2

► Go to Start, Control Panel and Click 'System and Security'

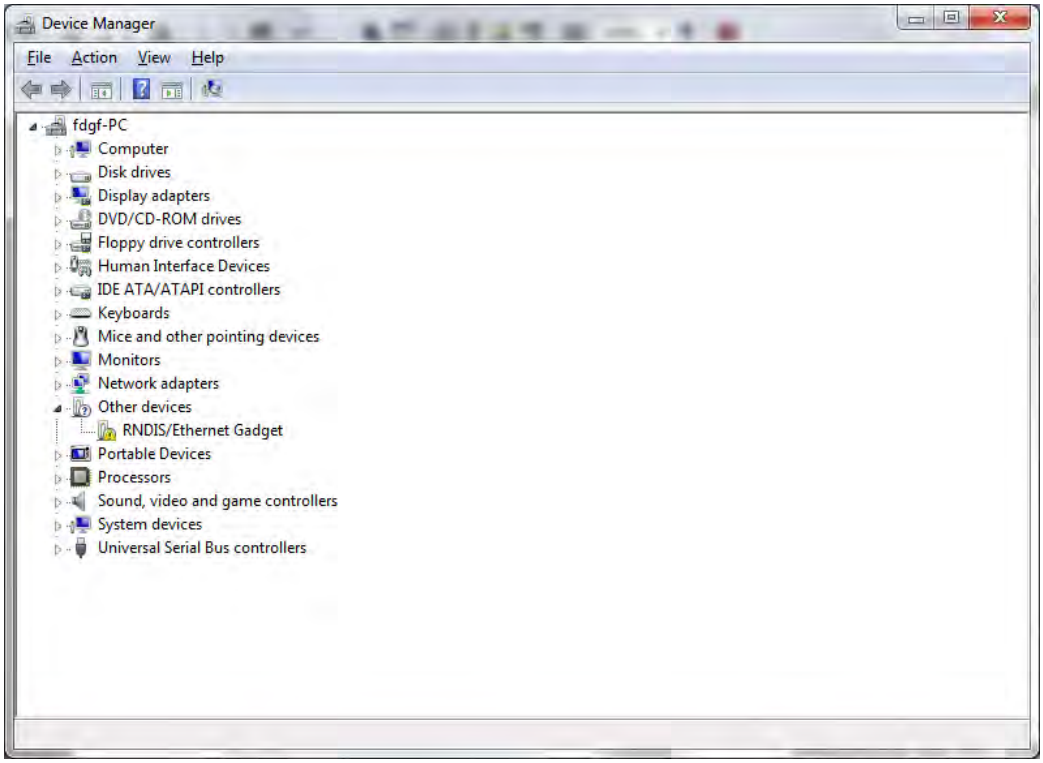


Step 3

► Click 'Device Manager' (under 'System')

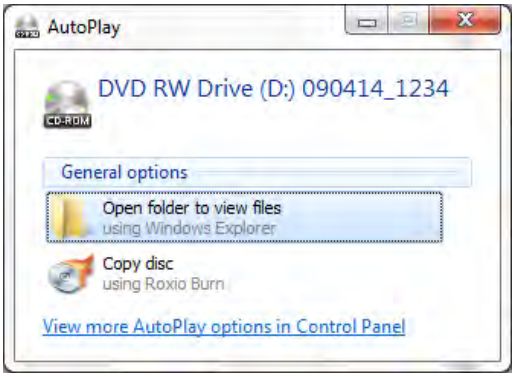

Control Panel ▸ System and Security ▸
Search Control Panel
Control Panel Home
System and Security
Network and Internet
Hardware and Sound
Programs
User Accounts and Family Safety
Appearance and Personalization
Clock, Language, and Region
Ease of Access
Action Center
Review your computer's status and resolve issues
Change User Account Control settings
Troubleshoot common computer problems
Restore your computer to an earlier time
Windows Firewall
Check firewall status
Allow a program through Windows Firewall
System
View amount of RAM and processor speed
Check the Windows Experience Index
Allow remote access
See the name of this computer
Device Manager
Windows Update
Turn automatic updating on or off
Check for updates
View installed updates
Power Options
Require a password when the computer wakes
Change what the power buttons do
Change when the computer sleeps
Backup and Restore
Back up your computer
Restore files from backup
Windows Anytime Upgrade
Get more features with a new edition of Windows 7
Administrative Tools
Free up disk space
Defragment your hard drive
Create and format hard disk partitions
View event logs
Schedule tasks

► Device Manager screen will look like this:



Step 4

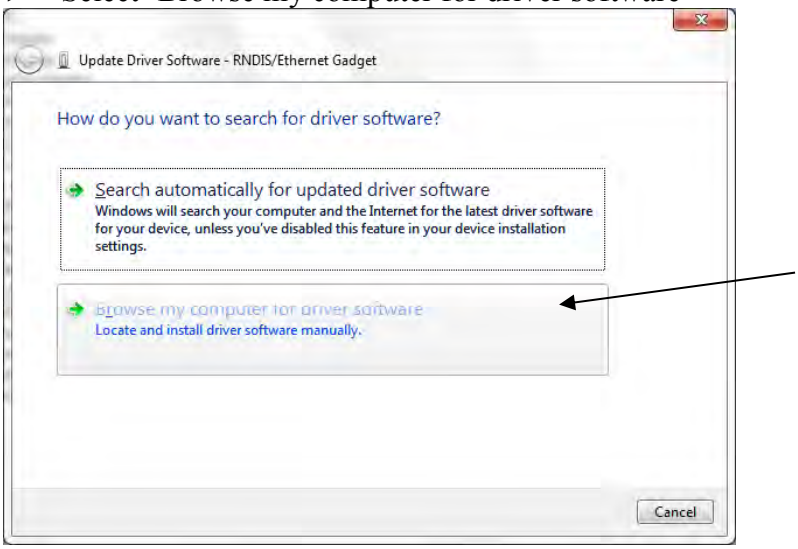
► Insert disc and select 'Open folder to View Files'



Step 5

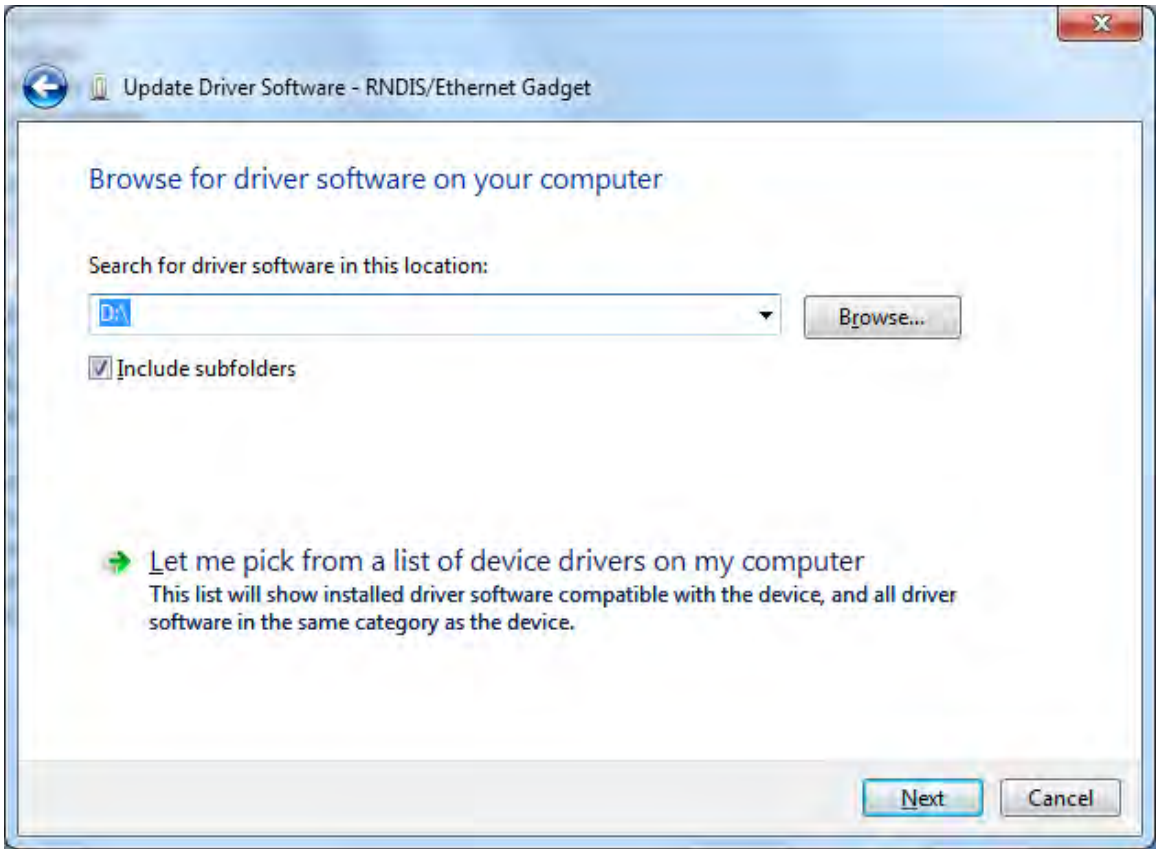
► Go back to Device Manager, and right click the RNDIS/Ethernet Gadget.. Select 'Update Driver Software'.

► Select 'Browse my computer for driver software'


Update Driver Software - RNDIS/Ethernet Gadget
How do you want to search for driver software?
Search automatically for updated driver software
Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.
Browse my computer for driver software
Locate and install driver software manually.
Cancel

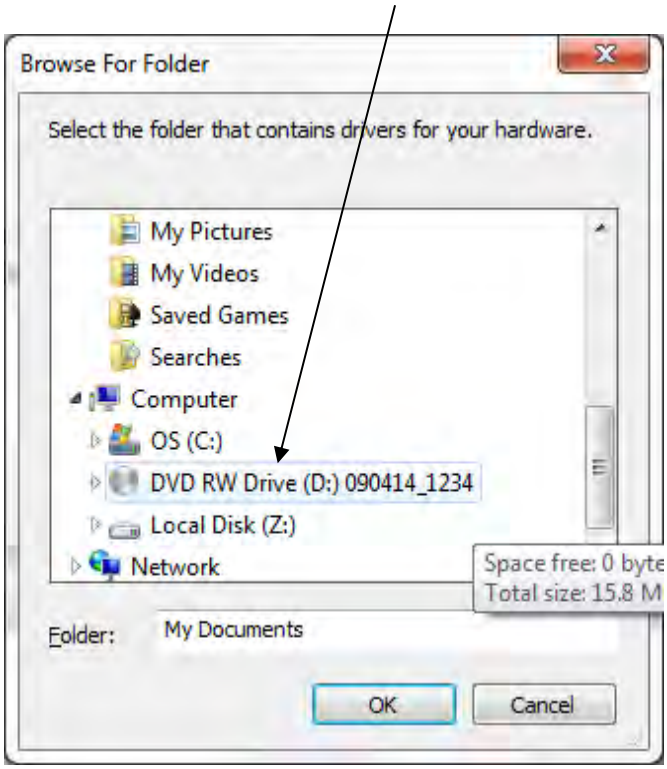
Step 6

► Click 'Browse' to search for the CD/DVD Drive


Update Driver Software - RNDIS/Ethernet Gadget
Browse for driver software on your computer
Search for driver software in this location:
D:\
Browse...
Include subfolders
Let me pick from a list of device drivers on my computer
This list will show installed driver software compatible with the device, and all driver software in the same category as the device.
Next
Cancel

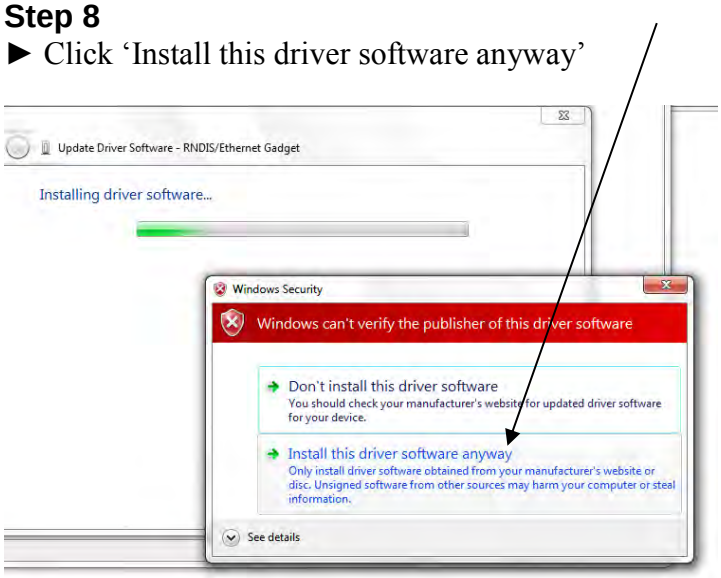
Step 7

► Browse to Computer, CD/DVD drive, click 'OK'



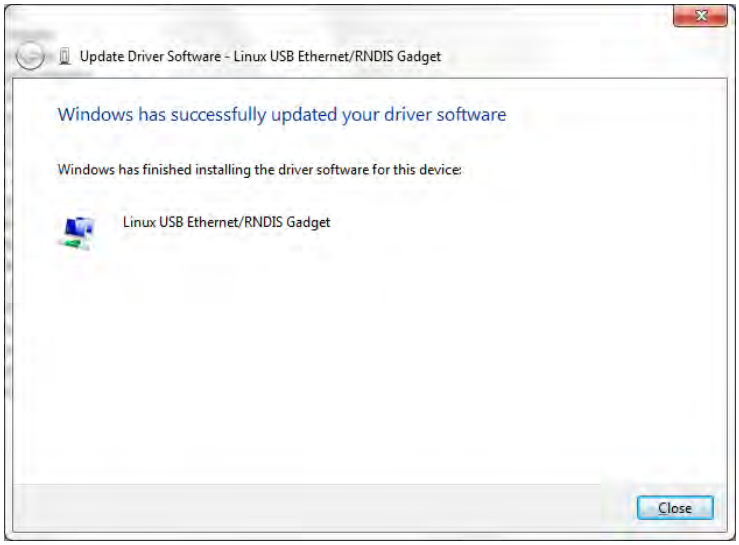
Step 8

► Click 'Install this driver software anyway'


Update Driver Software - RNDIS/Ethernet Gadget
Installing driver software...
Windows Security
Windows can't verify the publisher of this driver software
Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
See details

Step 9

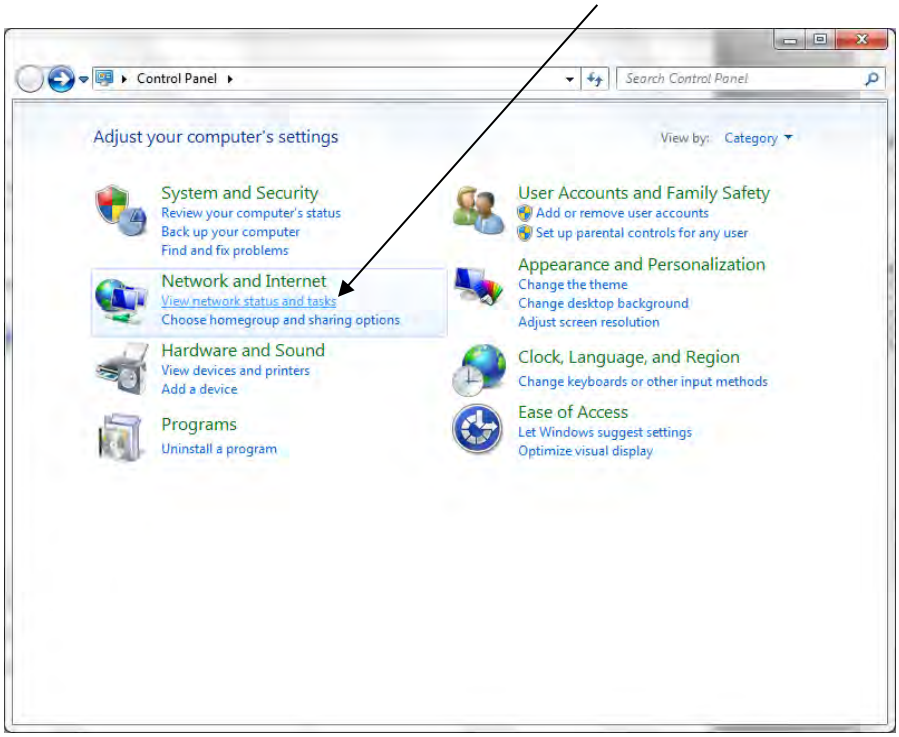
► Click 'Close'


Update Driver Software - Linux USB Ethernet/RNDIS Gadget
Windows has successfully updated your driver software
Windows has finished installing the driver software for this device:
Linux USB Ethernet/RNDIS Gadget
Close

Step 10

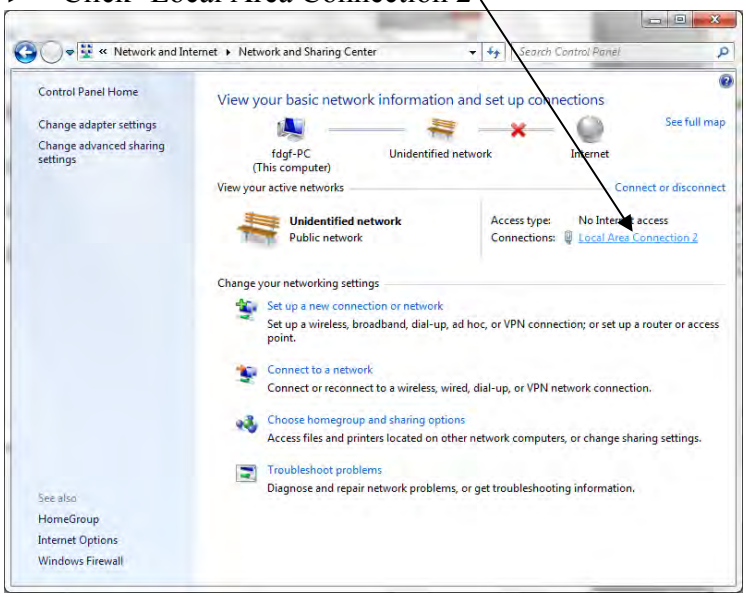
► Return to the Control Panel

► Click 'View Network Status and Tasks'



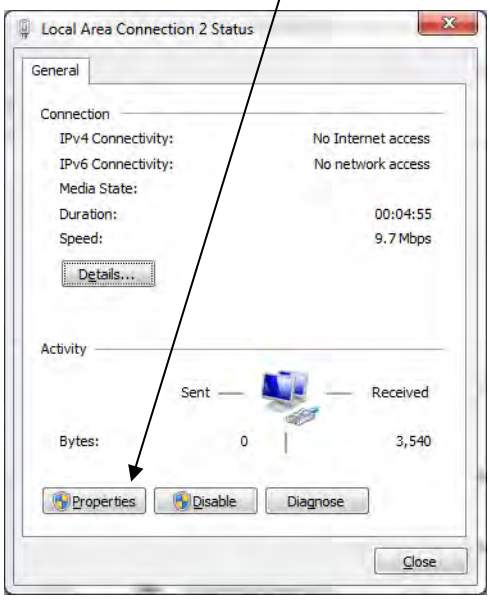
Step 11

► Click 'Local Area Connection 2'


Network and Internet ▸ Network and Sharing Center
Search Control Panel
Control Panel Home
Change adapter settings
Change advanced sharing settings
View your basic network information and set up connections
See full map
fdgf-PC (This computer)
Unidentified network
Internet
View your active networks
Connect or disconnect
Unidentified network
Public network
Access type: No Internet access
Connections: Local Area Connection 2
Change your networking settings
Set up a new connection or network
Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point.
Connect to a network
Connect or reconnect to a wireless, wired, dial-up, or VPN network connection.
Choose homegroup and sharing options
Access files and printers located on other network computers, or change sharing settings.
Troubleshoot problems
Diagnose and repair network problems, or get troubleshooting information.
See also
HomeGroup
Internet Options
Windows Firewall

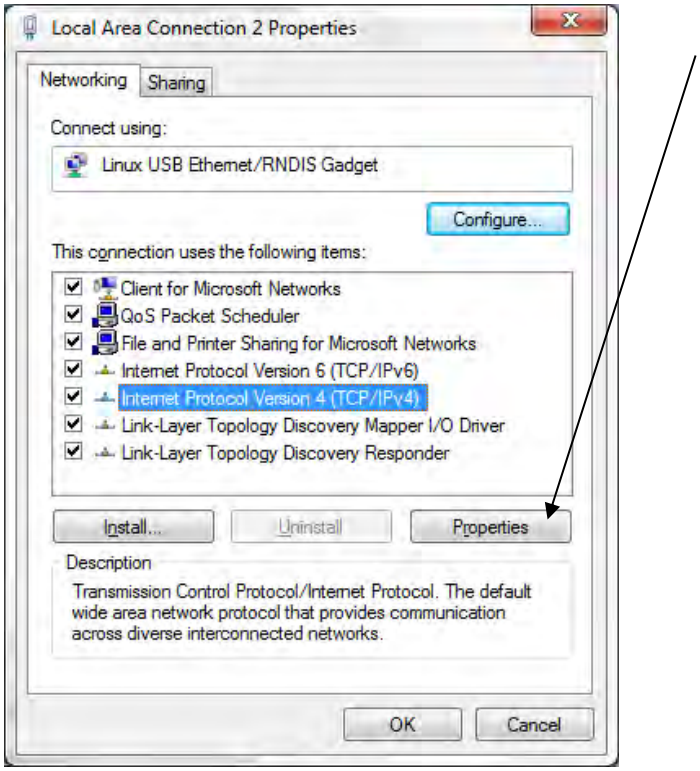
Step 12

► Click 'Properties'



Step 13

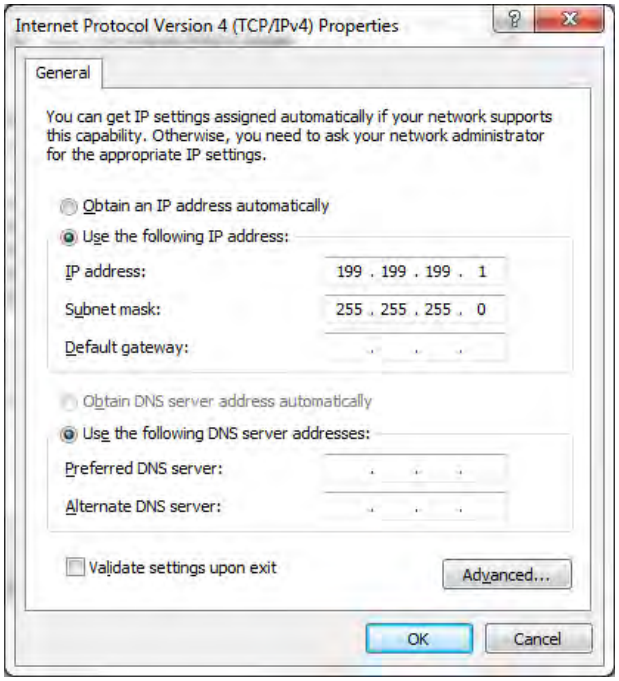
► Highlight Internet Protocol Version 4 (TCP/IPv4) and then click 'Properties'



Step 14

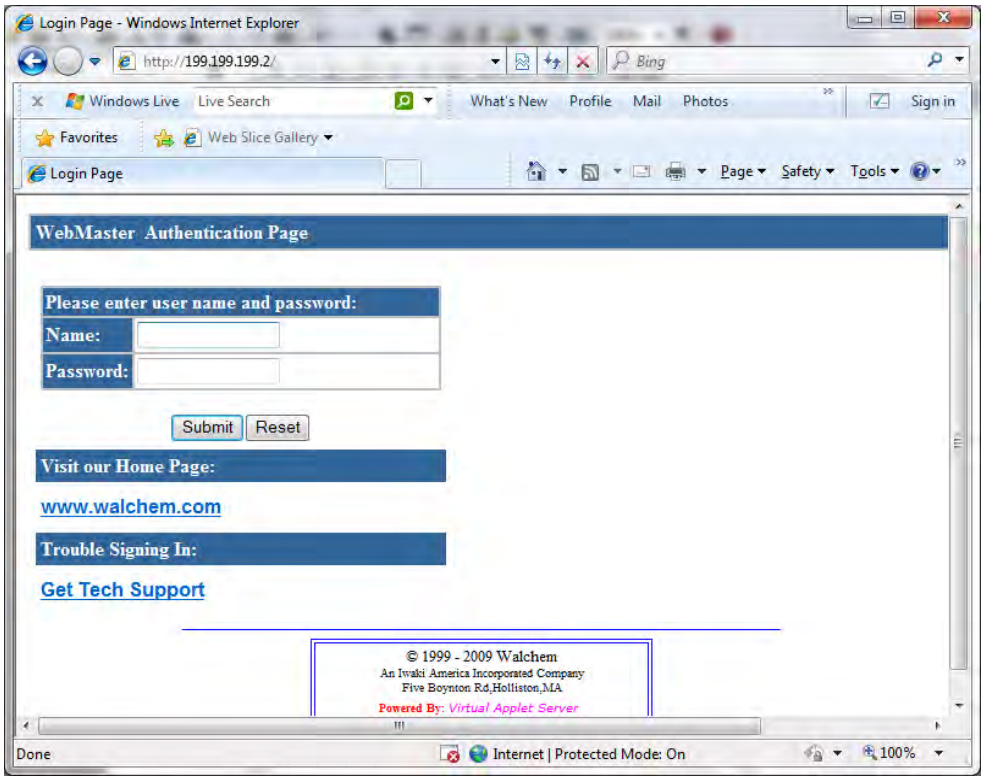
► Select 'Use the following IP address' and type in 199.199.199.1

► Click 'OK'


Internet Protocol Version 4 (TCP/IPv4) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address: 199 . 199 . 199 . 1
Subnet mask: 255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Validate settings upon exit
Advanced...
OK
Cancel

Step 15

► Open Internet Explorer and enter 199.199.199.2 in the address bar.
The WebMaster Authentication screen appears as shown below:



2. DIRECT MODEM SET-UP FOR WINDOWS 7

See Direct Modem Setup for Windows 8 section.

QUICK START GUIDE

Section 3: WINDOWS VISTA (32-bit)

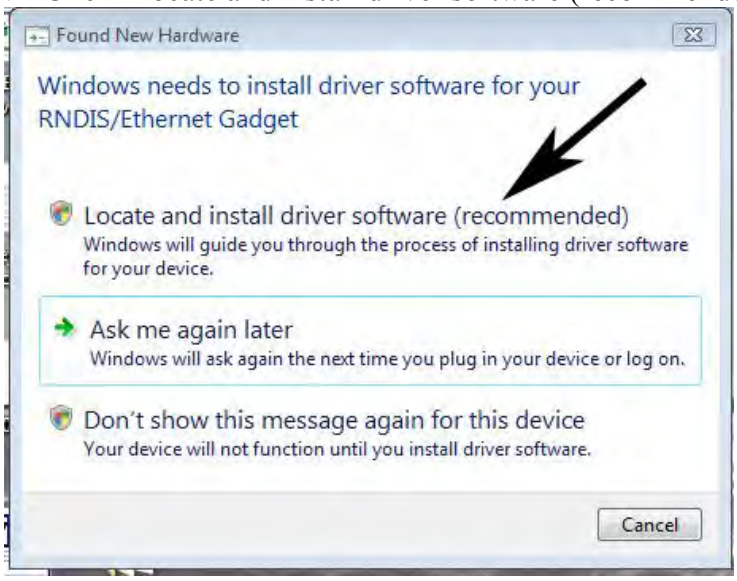
1. USB DRIVER INSTALLATION

2. DIRECT MODEM TO MODEM COMMUNICATIONS

1. USB DRIVER INSTALLATION FOR WINDOWS VISTA (32 BIT)

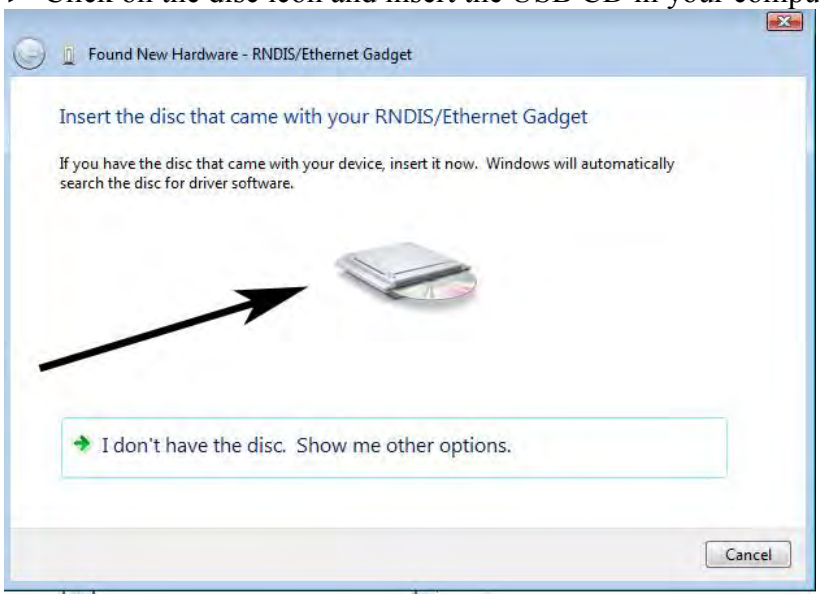
Step 1

► Plug the USB cable into the WebMaster/WebAlert and your computer.
► You will see this message on your screen.
► Click 'Locate and install driver software (recommended)'


Found New Hardware
Windows needs to install driver software for your RNDIS/Ethernet Gadget
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

Step 2

► You'll then see this screen.
► Click on the disc icon and insert the USB CD in your computer's CD drive.


Found New Hardware - RNDIS/Ethernet Gadget
Insert the disc that came with your RNDIS/Ethernet Gadget
If you have the disc that came with your device, insert it now. Windows will automatically search the disc for driver software.
I don't have the disc. Show me other options.
Cancel

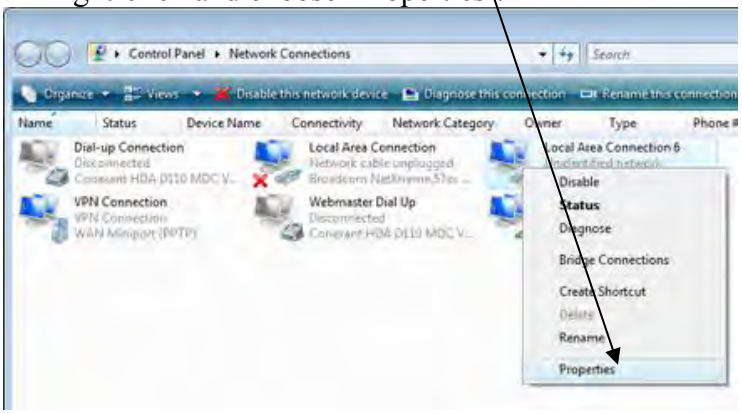
Step 3

► You will see this message.
► Click on 'Install this driver software anyway'
► You'll get a message confirming the software installation.

Windows Security
Windows can't verify the publisher of this driver software
Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
See details

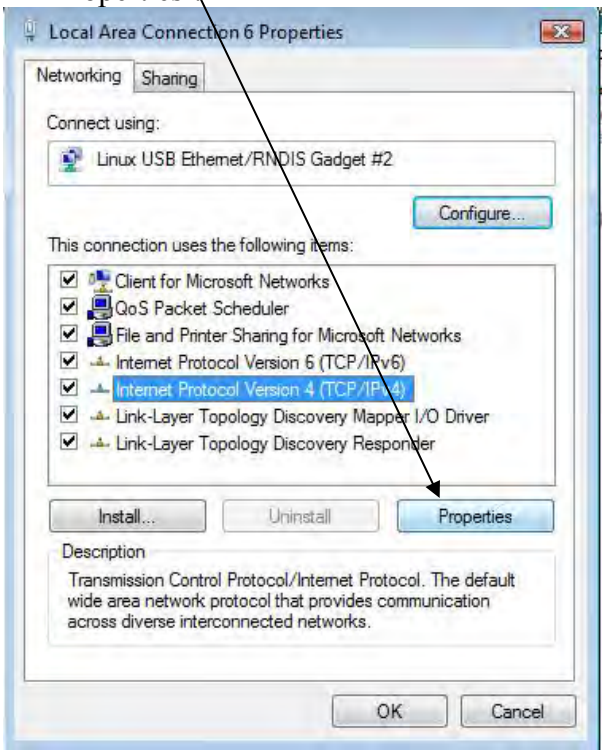
Step 4

► Next you'll need to change the IP settings for the LAN connections and right-click on the new one.
► It is labeled 'Local Area Connection 2' or similar.
► Right-click and choose 'Properties'.



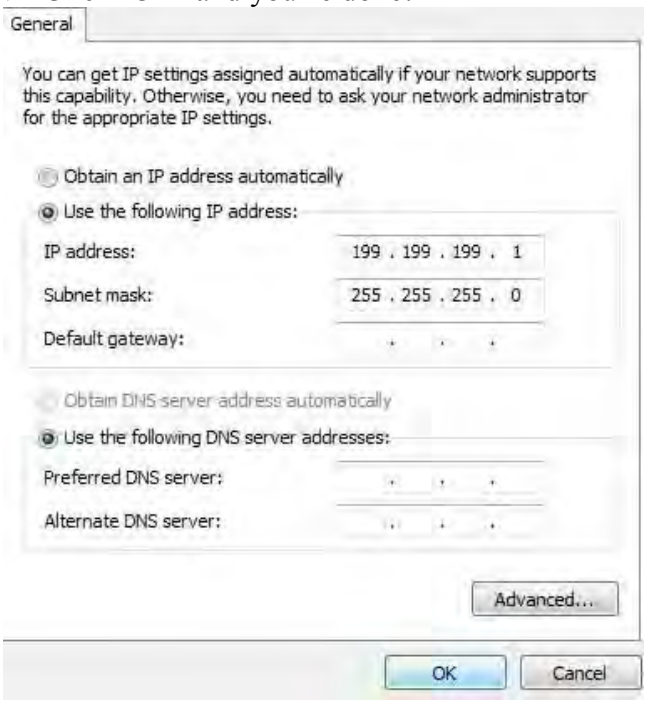
Step 5

► Choose 'Internet Protocol Version 4' and click 'Properties'.



Step 6

► Check 'Use the following IP address' and type 199.199.199.1 for the IP address and 255.255.255.0 for subnet mask.
► Click 'OK' and you're done!


General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address: 199 . 199 . 199 . 1
Subnet mask: 255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

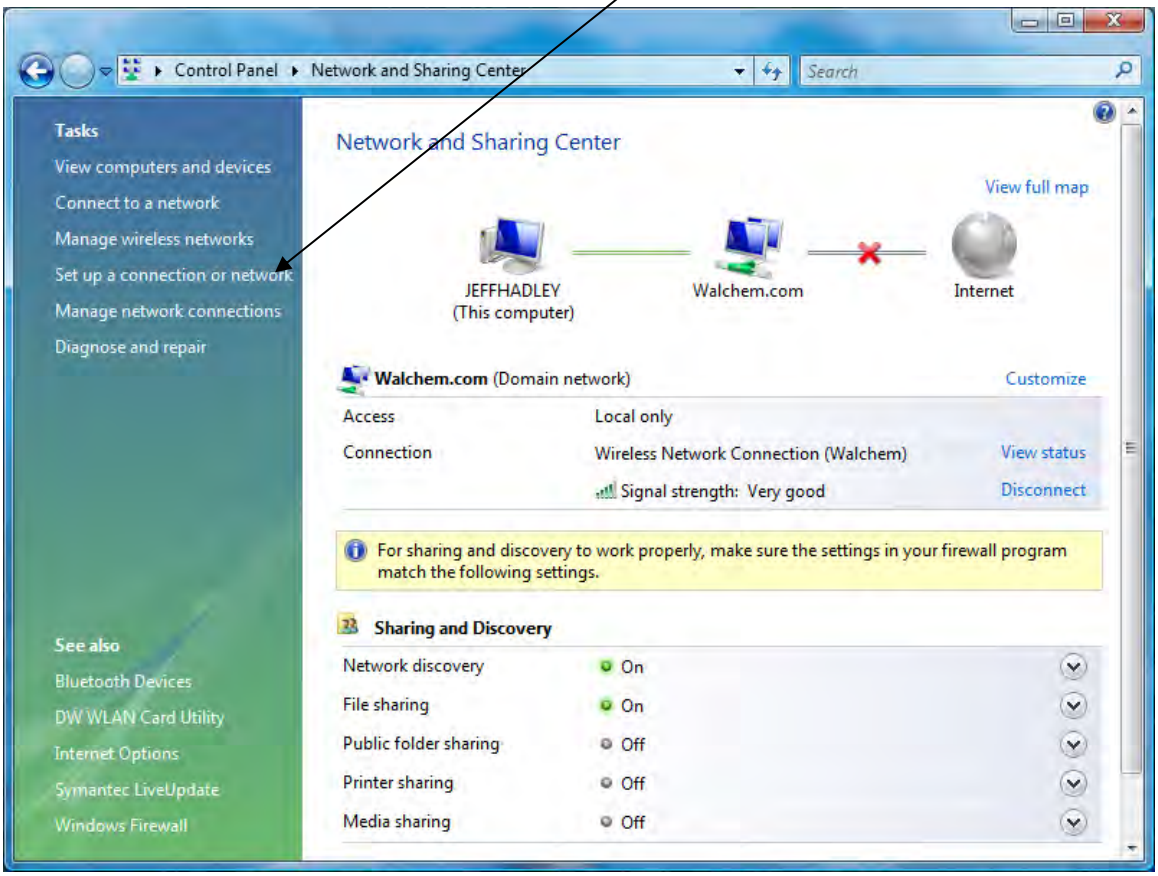
Step 7

► Open your browser and type in 199.199.199.2 to access the WebMaster Login Screen

2. DIRECT MODEM SET-UP FOR WINDOWS VISTA 32

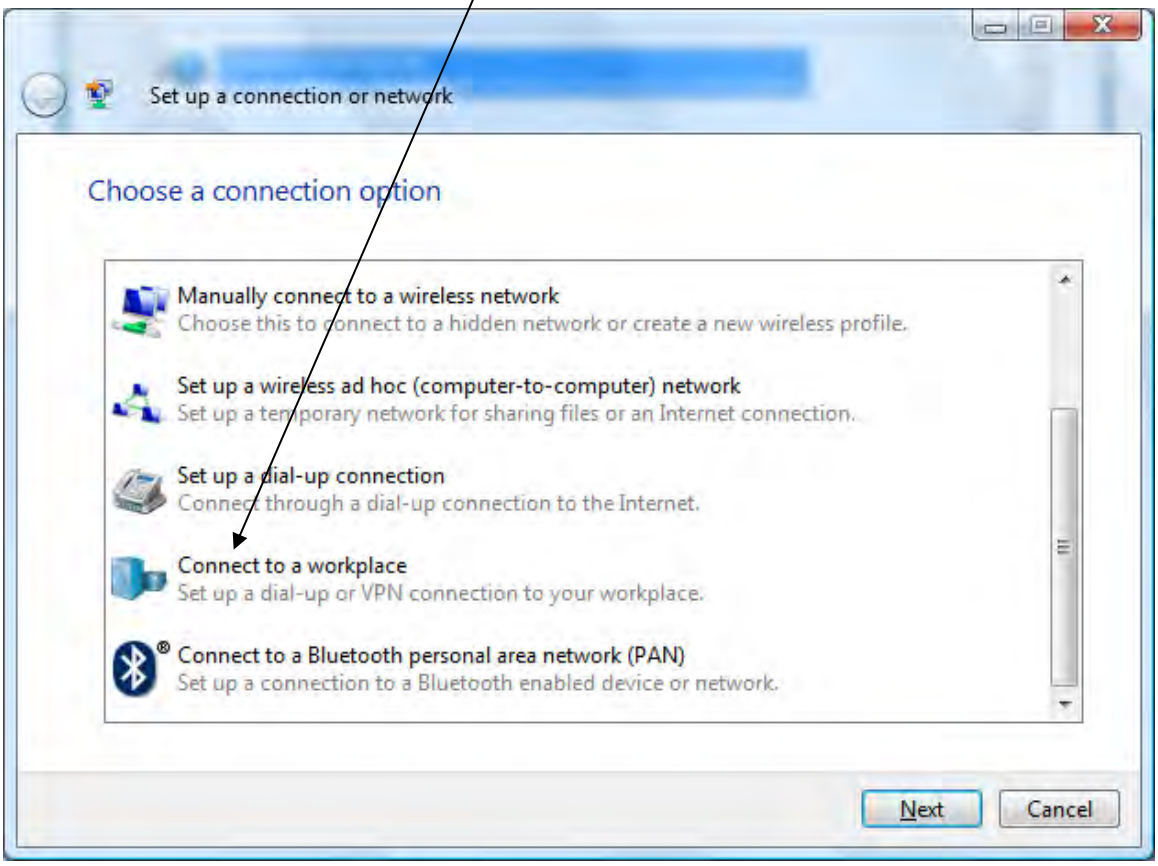
Step 1

► Go to Control Panel, Network and Sharing Center.
► Choose 'Set-up a Connection or Network' on the left.



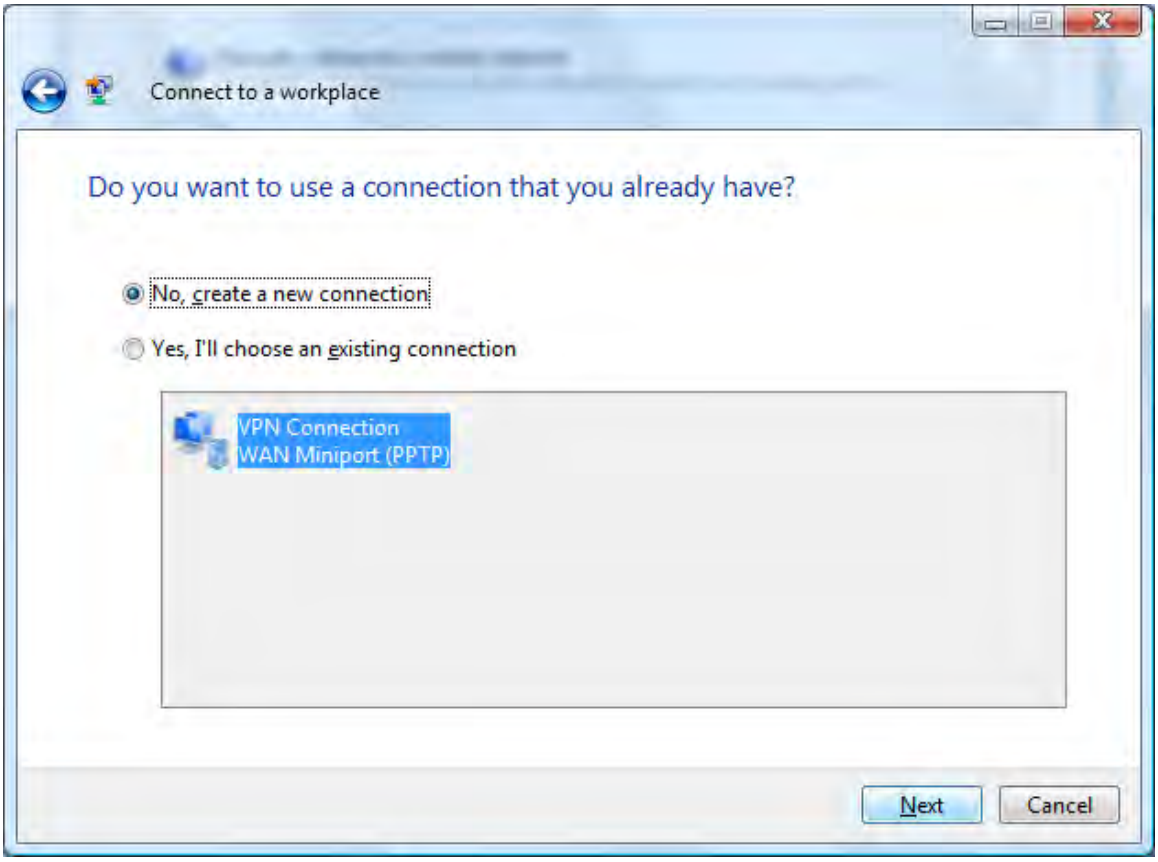
Step 2

► Choose ‘Connect to a workplace’.
► Click ‘Next’


Set up a connection or network
Choose a connection option
Manually connect to a wireless network
Choose this to connect to a hidden network or create a new wireless profile.
Set up a wireless ad hoc (computer-to-computer) network
Set up a temporary network for sharing files or an Internet connection.
Set up a dial-up connection
Connect through a dial-up connection to the Internet.
Connect to a workplace
Set up a dial-up or VPN connection to your workplace.
Connect to a Bluetooth personal area network (PAN)
Set up a connection to a Bluetooth enabled device or network.
Next
Cancel

Step 3

► Choose 'No, create a new connection'
► Click 'Next'


Connect to a workplace
Do you want to use a connection that you already have?
No, create a new connection
Yes, I'll choose an existing connection
VPN Connection
WAN Miniport (PPTP)
Next
Cancel

Step 4

► Choose 'Dial Directly'

Connect to a workplace
How do you want to connect?
Use my Internet connection (VPN)
Connect using a virtual private network (VPN) connection through the Internet.
Dial directly
Connect directly to a phone number without going through the Internet.
What is a VPN connection?
Cancel

Step 5

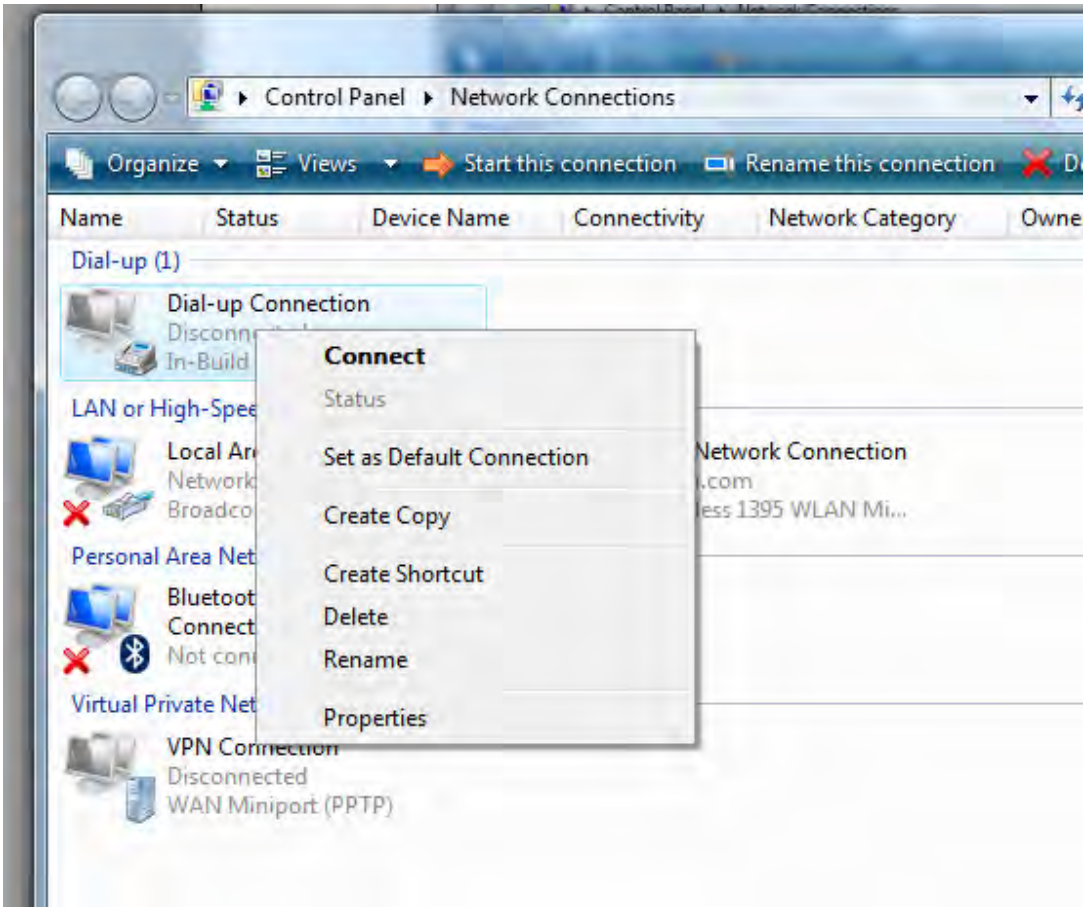
► Add a phone number. (this can be changed whenever you use the adaptor.)
► Click 'Don't connect now…'
► Click 'Next'
► You do not need a username or password
► Click 'Next'

Connect to a workplace
Type the telephone number to connect to
Your network administrator can give you this information.
Telephone number:
1-555-1212
Dialing Rules
Destination name:
Dial-up Connection
Use a smart card
Allow other people to use this connection
This option allows anyone with access to this computer to use this connection.
Don't connect now; just set it up so I can connect later
Next
Cancel

Step 6

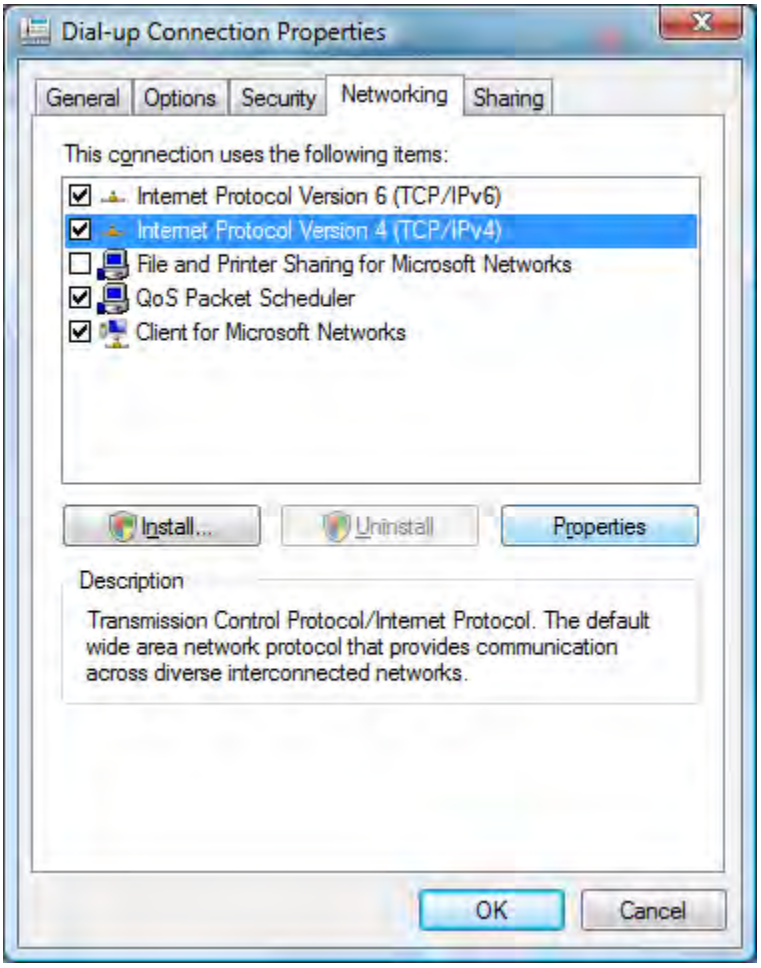
► Go to Control Panel and Network Connections.

► Right-click the connection you just created and click 'Properties'



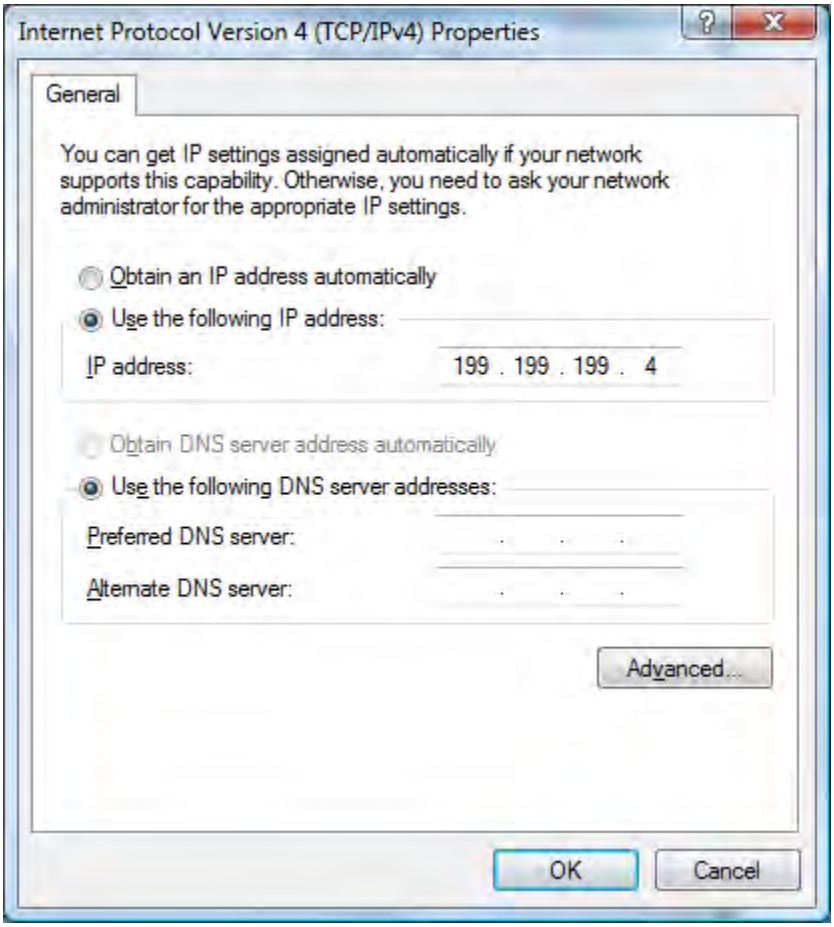
Step 7

► Click the 'Networking' tab
► Uncheck everything except the two TCP/IP options
► Highlight 'Internet Protocol Version 4 (TCP/IP 4)'
► Click 'Properties'



Step 8

► Select 'Use the following IP address' and enter 199.199.199.4
► Click 'OK' to save the changes


Internet Protocol Version 4 (TCP/IPv4) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
199 . 199 . 199 . 4
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

You're done!

QUICK START GUIDE

Section 4: WINDOWS VISTA (64-bit)

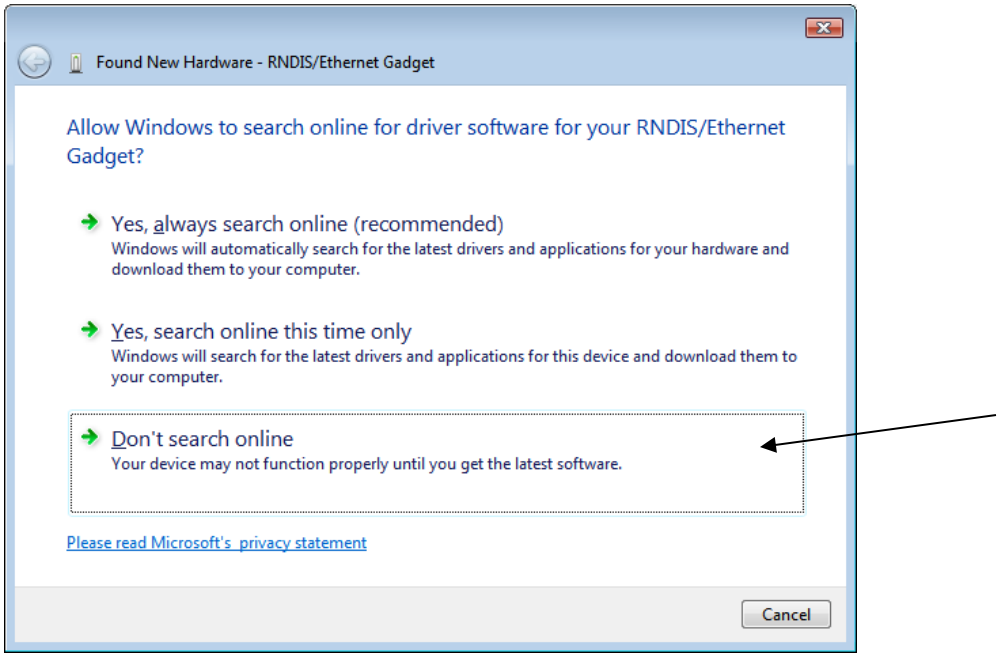
1. USB DRIVER INSTALLATION

2. DIRECT MODEM TO MODEM COMMUNICATIONS

1. USB DRIVER INSTALLATION FOR WINDOWS VISTA (64-BIT)

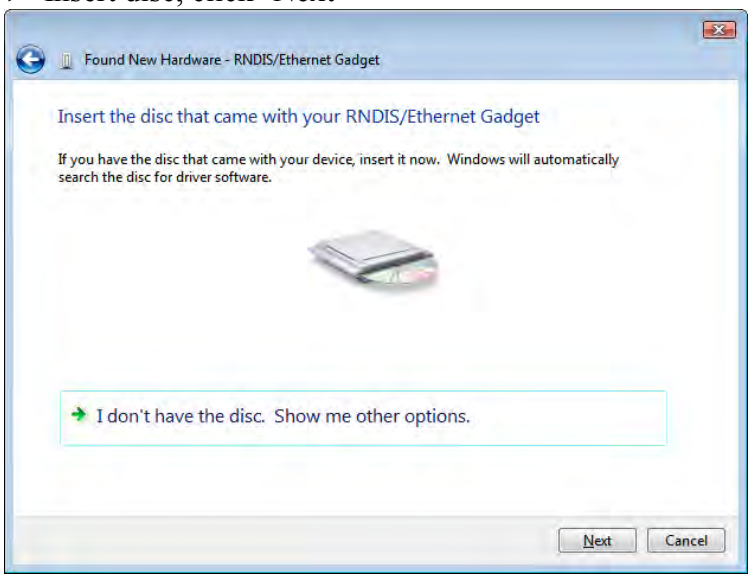
Step 1

► Plug the USB cable into the WebMaster/WebAlert and your computer.
► You will see this message on your screen.
► Click 'Don't search online'


Found New Hardware - RNDIS/Ethernet Gadget
Allow Windows to search online for driver software for your RNDIS/Ethernet Gadget?
Yes, always search online (recommended)
Windows will automatically search for the latest drivers and applications for your hardware and download them to your computer.
Yes, search online this time only
Windows will search for the latest drivers and applications for this device and download them to your computer.
Don't search online
Your device may not function properly until you get the latest software.
Please read Microsoft's privacy statement
Cancel

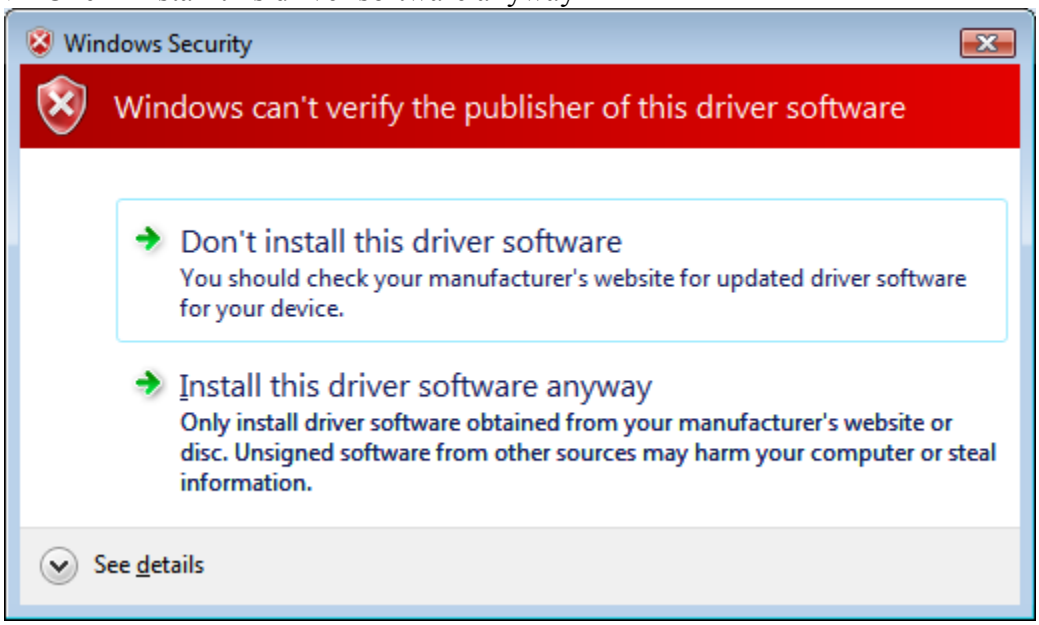
Step 2

► Insert disc, click 'Next'

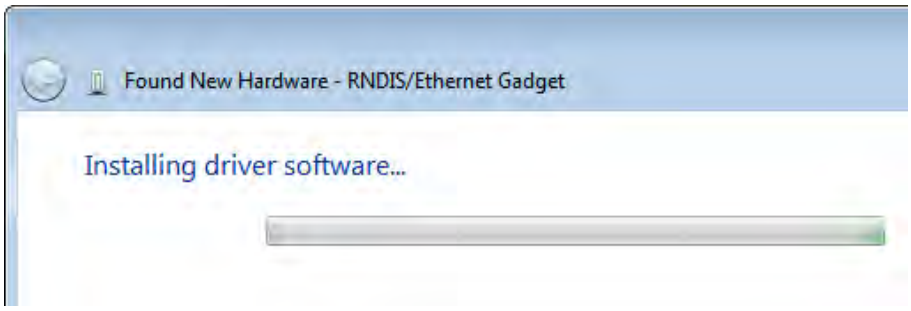

Found New Hardware - RNDIS/Ethernet Gadget
Insert the disc that came with your RNDIS/Ethernet Gadget
If you have the disc that came with your device, insert it now. Windows will automatically search the disc for driver software.
I don't have the disc. Show me other options.
Next
Cancel

Step 3

► Click 'Install this driver software anyway'

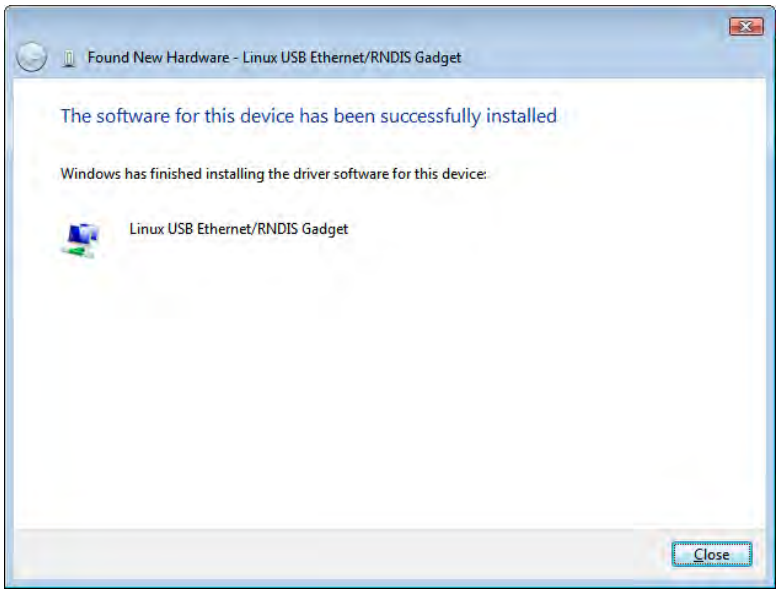

Windows Security
Windows can't verify the publisher of this driver software
Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
See details

► You will see this screen as the driver in installed



Step 4

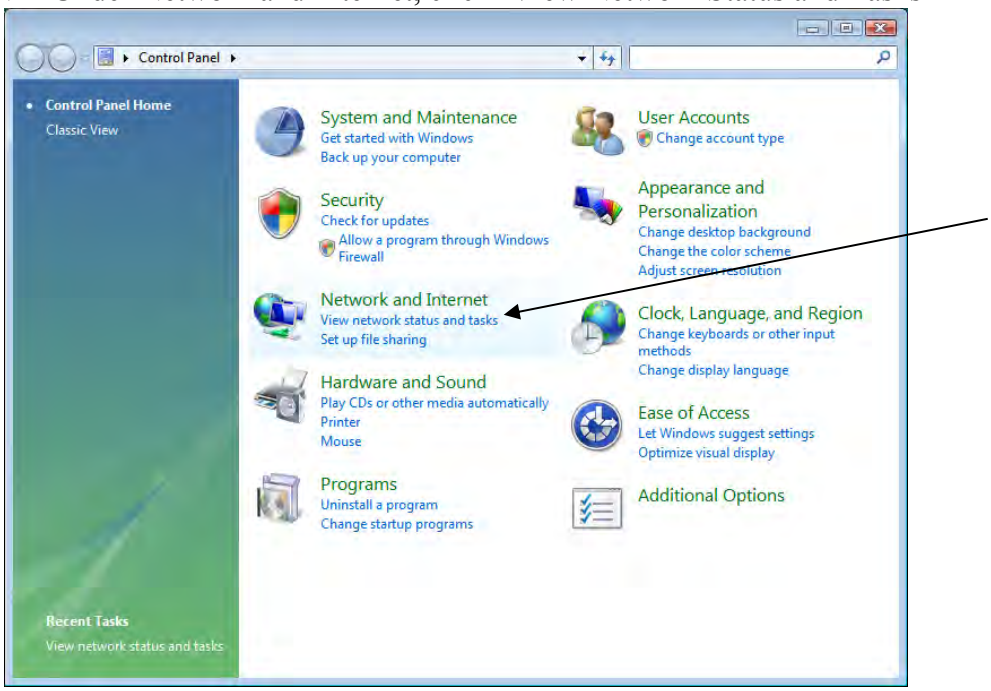
► After the software is installed, you will see this screen, click 'Close'


Found New Hardware - Linux USB Ethernet/RNDIS Gadget
The software for this device has been successfully installed
Windows has finished installing the driver software for this device:
Linux USB Ethernet/RNDIS Gadget
Close

Step 5

► Go to the Control Panel

► Under Network and Internet, click 'View Network Status and Tasks'



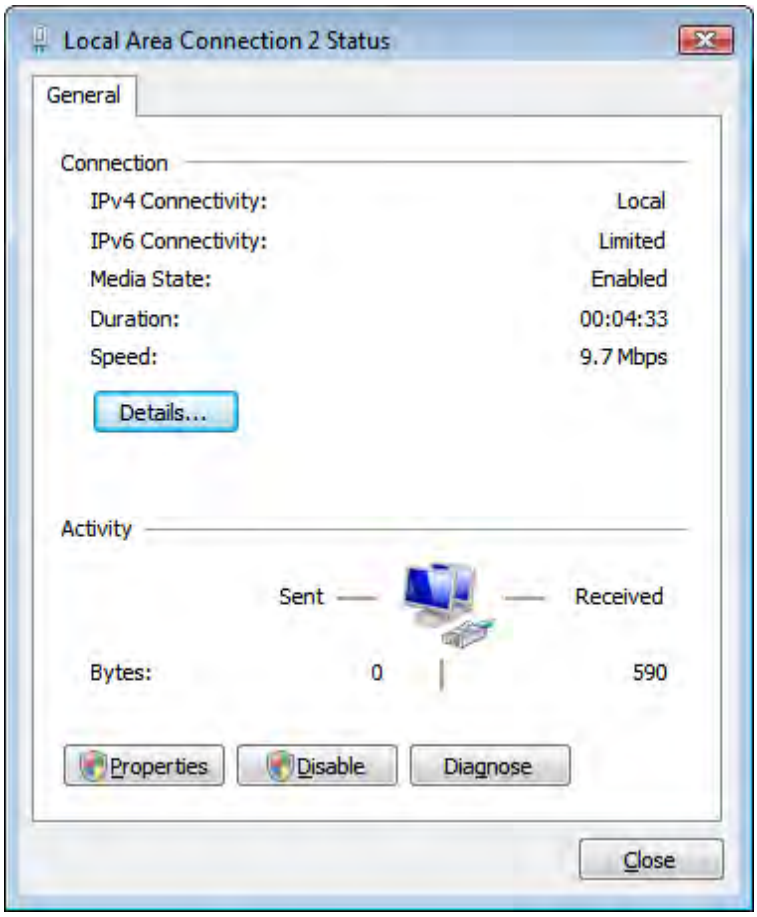
Step 6

► Click 'View Status' to the right of 'Local Area Connection 2'

Control Panel ▸ Network and Internet ▸ Network and Sharing Center
Search
Tasks
View computers and devices
Connect to a network
Set up a connection or network
Manage network connections
Diagnose and repair
See also
Internet Options
Windows Firewall
Network and Sharing Center
View full map
VISTA64
(This computer)
Multiple networks
Internet
Walchem.com (Domain network)
Customize
Access
Local and Internet
Connection
Local Area Connection
View status
Unidentified network (Public network)
Customize
Access
Local only
Connection
Local Area Connection 2
View status
Sharing and Discovery
Network discovery
Off
File sharing
Off
Public folder sharing
Off
Printer sharing
Off (no printers installed)
Media sharing
Off

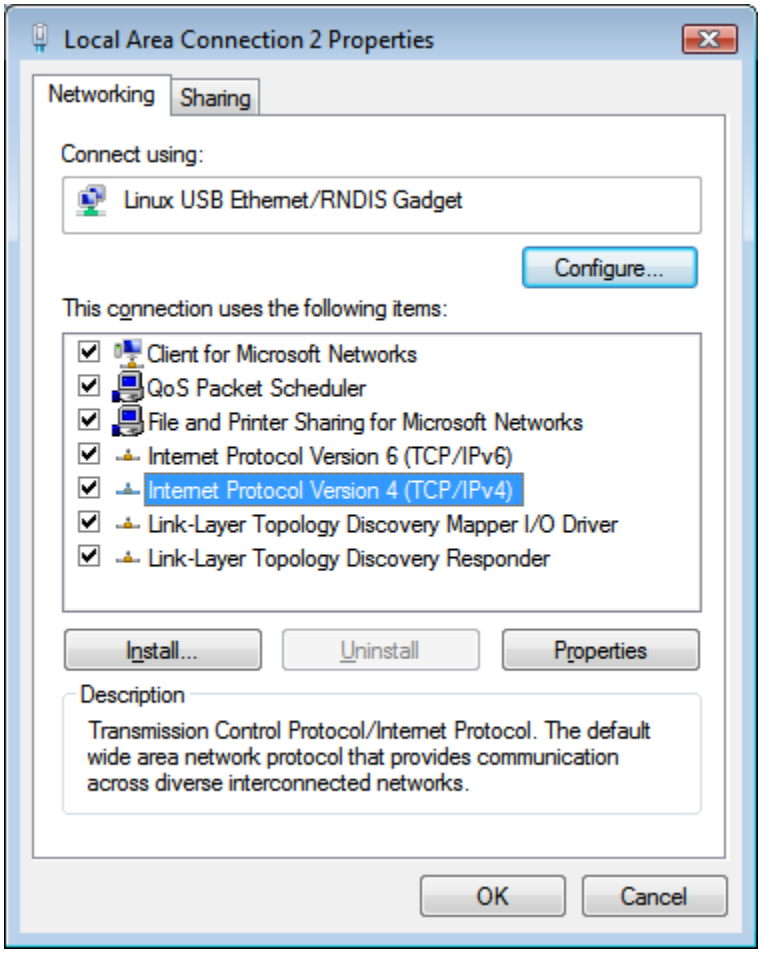
Step 7

► Click 'Properties'



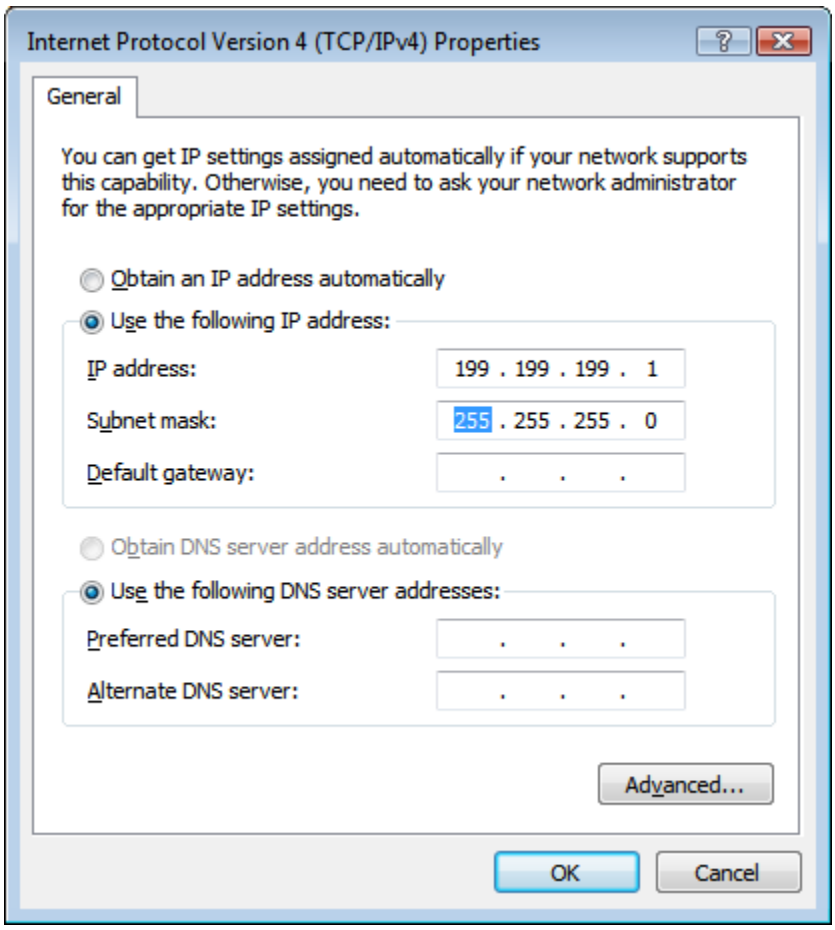
Step 8

► Highlight 'Internet Protocol Version 4 (TCP/IPv4)' and click 'Properties'



Step 9

► Select 'Use the following IP address'
► Enter 199.199199.1 for the IP address and 255.255.255.0 for subnet mask
► Click 'OK' and you're done!


Internet Protocol Version 4 (TCP/IPv4) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
199 . 199 . 199 . 1
Subnet mask:
255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

Step 10

► Open your browser and type in 199.199.199.2 to access the WebMaster Login screen.

2. DIRECT MODEM SET-UP FOR WINDOWS VISTA 64

See Windows Vista 32 Direct Modem Set-up instructions

QUICK START GUIDE

Section 5: WINDOWS XP

1. USB DRIVER INSTALLATION

2. DIRECT MODEM TO MODEM COMMUNICATIONS

1. USB DRIVER INSTALLATION FOR WINDOWS XP

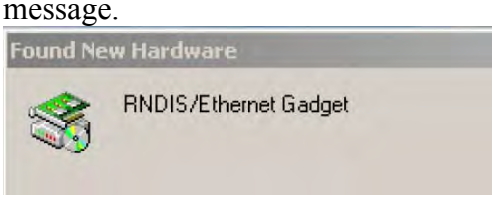
Before inserting the CD into your computer, follow Steps 1-3 below!!

Step 1

► Power up your computer and the WebMaster/WebAlert controller.

► Connect the supplied USB cable between the computer USB port and the WebMaster/ WebAlert USB port on the front panel.

► You'll see this 'Found New Hardware' message.



Step 2

► Click 'No, not this time'

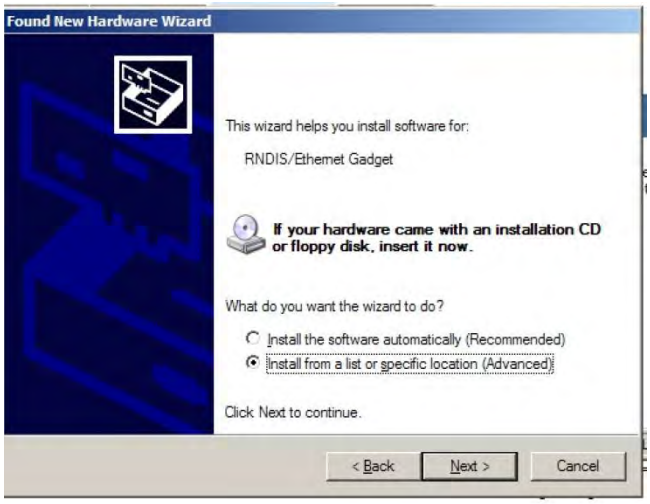
► Click 'Next'

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

Step 3

► Click 'Install from a list of specific location'

► Click 'Next'

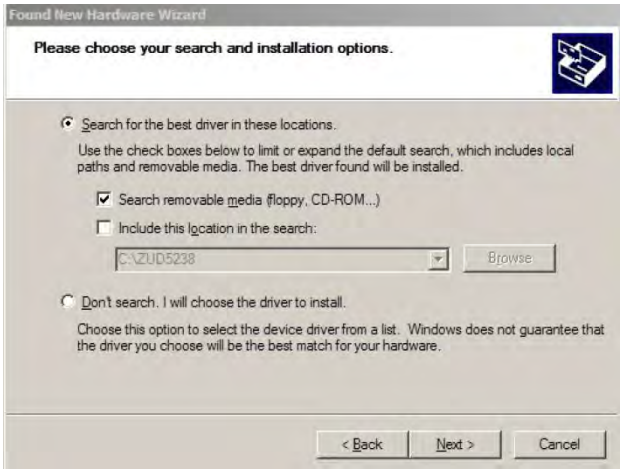

Found New Hardware Wizard
This wizard helps you install software for:
RNDIS/Ethernet Gadget
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

Step 4

► Click 'Search for the best driver'

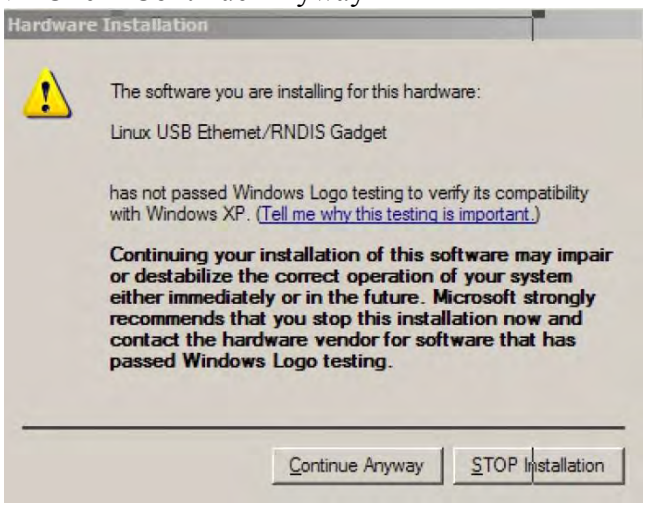
► Check the box next to 'Search removable media' and insert the CD supplied with your controller into the CD-ROM drive

► Click 'Next'


Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM...)
Include this location in the search:
C:\ZUD5238
Browse
Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back
Next >
Cancel

Step 5

► Click 'Continue Anyway'


Hardware Installation
The software you are installing for this hardware:
Linux USB Ethernet/RNDIS Gadget
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

Step 6

► Click 'Finish'

► Repeat this procedure for each USB port on your computer that may be used for a connection.

Found New Hardware Wizard
Completing the Found New Hardware Wizard
Linux USB Ethernet/RNDIS Gadget
Windows has finished installing the software for this device.
To close this wizard, click Finish.
< Back
Finish
Cancel

Step 7

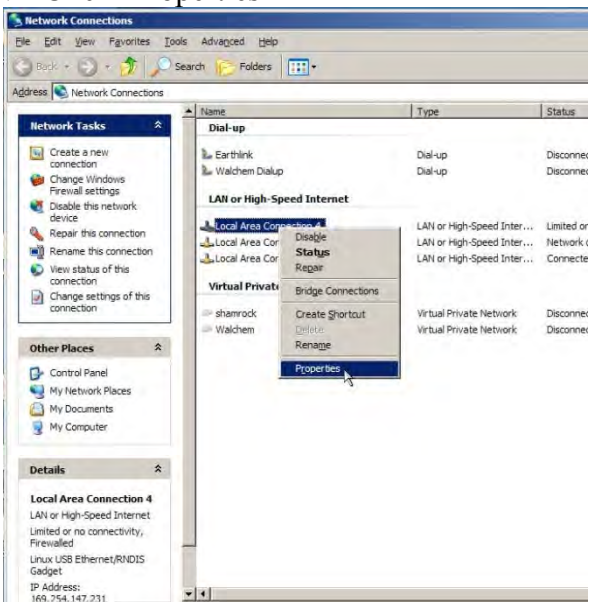
► Click 'Start', then 'Connect to'

► Click 'Show all connections'

Step 8

► Right-click the new 'Local Area Connection' (usually called #2)

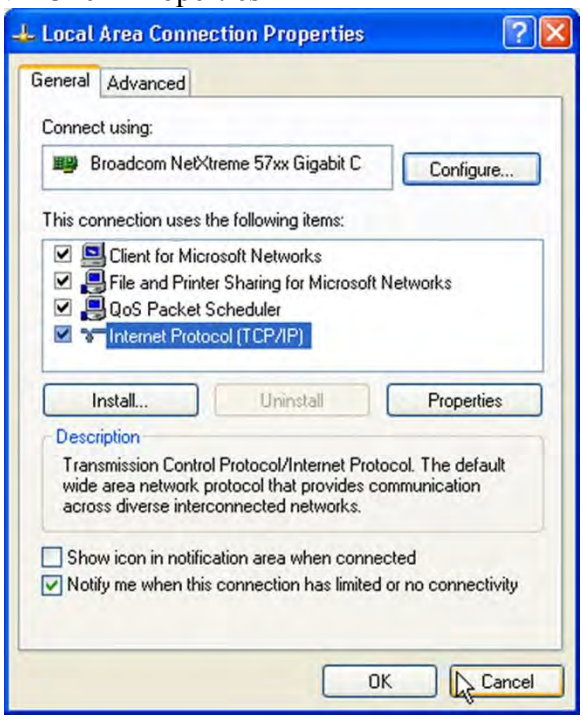
► Click 'Properties'



Step 9

► Select 'Internet Protocol (TCP/IP)'

► Click 'Properties'



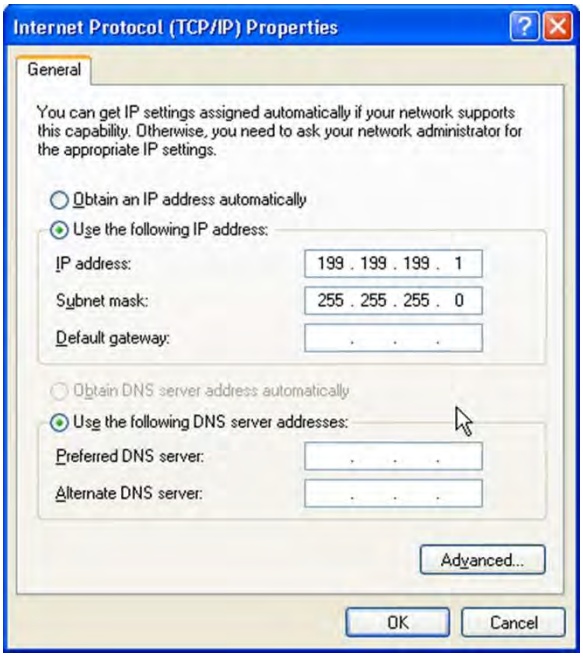
Step 10

► Click 'Use the following IP address'

► In the IP address box, type: 199.199.199.1

► In the Subnet mask box, type: 255.255.255.0

► Click 'OK'


Internet Protocol (TCP/IP) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address: 199 . 199 . 199 . 1
Subnet mask: 255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

Step 11

► Open Internet Explorer and type" 199.199.199.2 in the address bar

► This will give you direct access to the login page of the controller.

► From this point on, you will only need to connect the USB cable to the controller and type in that address to access the local connection to your controller.

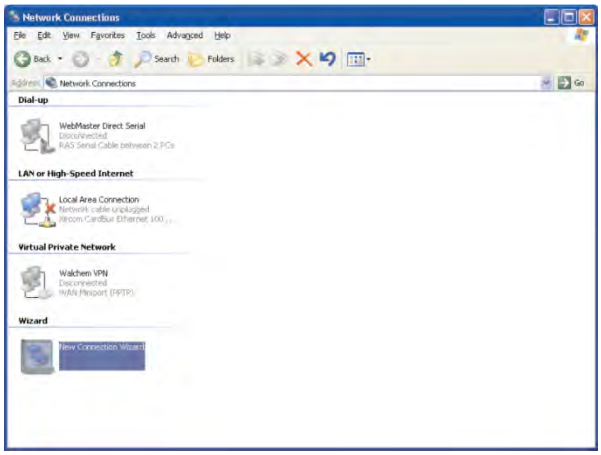
2. DIRECT MODEM SET-UP FOR WINDOWS XP

Create Direct Modem Dial-up Adapter

Step 1

► Return to Control Panel, Network Connections

► Double-click 'New Connection Wizard'



Step 2

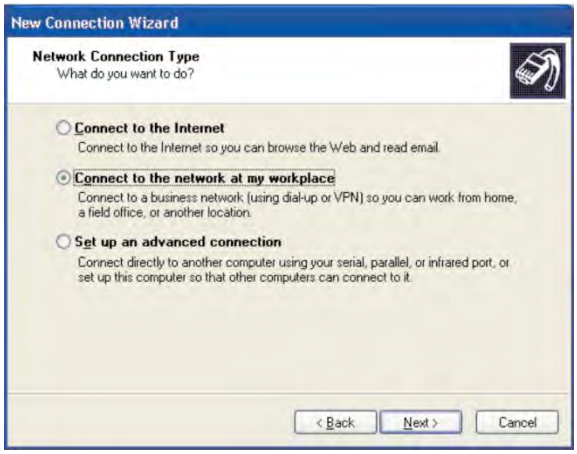
► Click 'Next'

New Connection Wizard
Welcome to the New Connection Wizard
This wizard helps you:
• Connect to the Internet.
• Connect to a private network, such as your workplace network.
To continue, click Next.
< Back
Next >
Cancel

Step 3

► Select 'Connect to the network at my workplace'

► Click 'Next'


New Connection Wizard
Network Connection Type
What do you want to do?
Connect to the Internet
Connect to the Internet so you can browse the Web and read email.
Connect to the network at my workplace
Connect to a business network (using dial-up or VPN) so you can work from home, a field office, or another location.
Set up an advanced connection
Connect directly to another computer using your serial, parallel, or infrared port, or set up this computer so that other computers can connect to it.
< Back
Next >
Cancel

Step 4

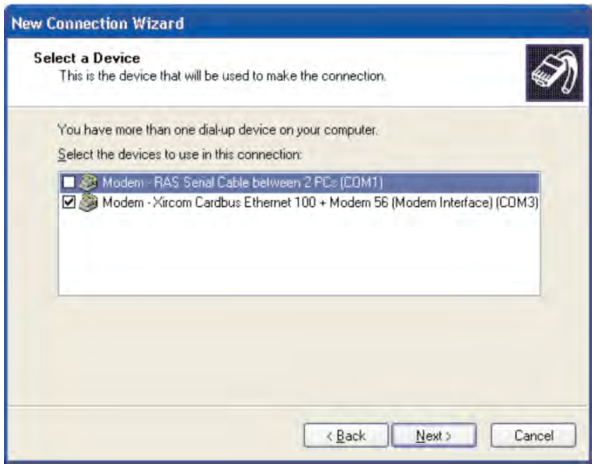
► Select 'Dial-up connection'

► Click 'Next'

New Connection Wizard
Network Connection
How do you want to connect to the network at your workplace?
Create the following connection:
Dial-up connection
Connect using a modem and a regular phone line or an Integrated Services Digital Network (ISDN) phone line.
Virtual Private Network connection
Connect to the network using a virtual private network (VPN) connection over the Internet.
< Back
Next >
Cancel

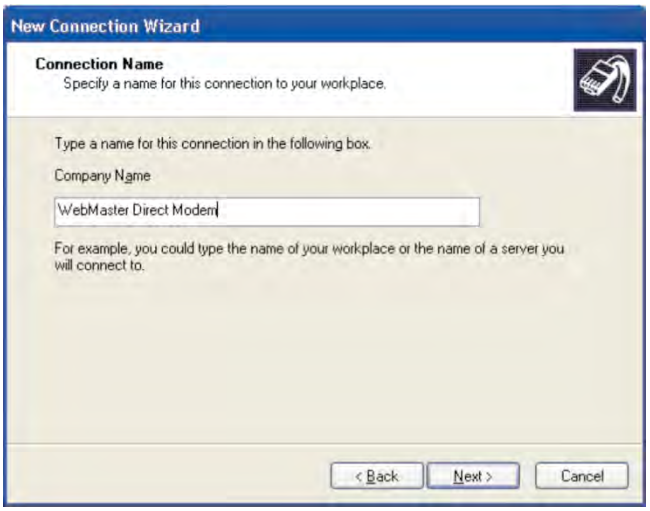
Step 5

► Check the appropriate modem
► Uncheck all the others
► Click 'Next'


New Connection Wizard
Select a Device
This is the device that will be used to make the connection.
You have more than one dial-up device on your computer.
Select the devices to use in this connection:
Modem - RAS Serial Cable between 2 PCs (COM1)
Modem - Xircom Cardbus Ethernet 100 + Modem 56 (Modem Interface) (COM3)
< Back
Next >
Cancel

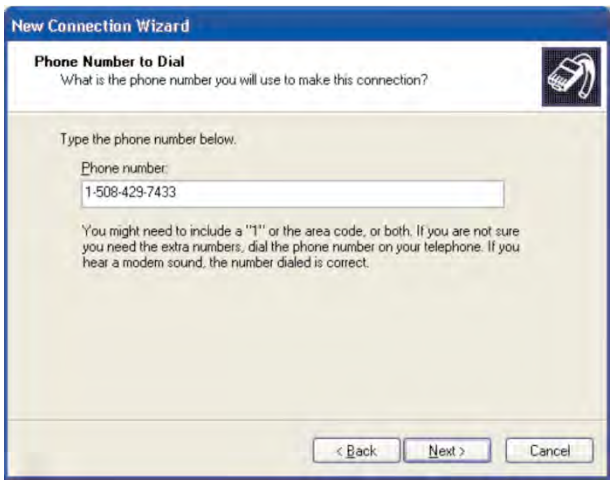
Step 6

► Type an appropriate name for the connection
► Click 'Next'


New Connection Wizard
Connection Name
Specify a name for this connection to your workplace.
Type a name for this connection in the following box.
Company Name
WebMaster Direct Modem
For example, you could type the name of your workplace or the name of a server you will connect to.
< Back
Next >
Cancel

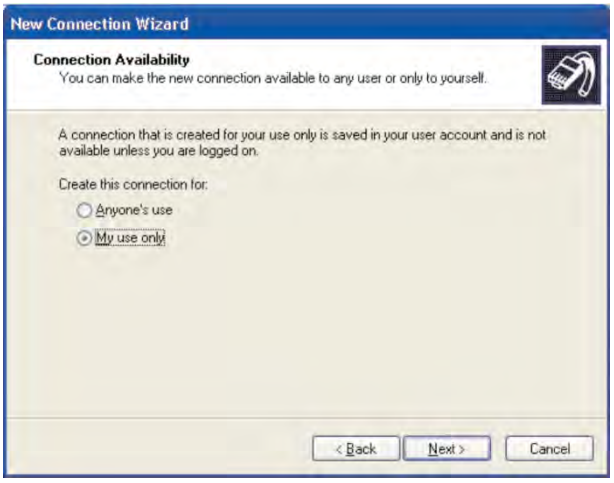
Step 7

► Enter the phone number for the WebMaster/WebAlert controller you will be connecting to (include area code and '1' if necessary)
► Click 'Next'


New Connection Wizard
Phone Number to Dial
What is the phone number you will use to make this connection?
Type the phone number below.
Phone number:
1-508-429-7433
You might need to include a "1" or the area code, or both. If you are not sure you need the extra numbers, dial the phone number on your telephone. If you hear a modem sound, the number dialed is correct.
< Back
Next >
Cancel

Step 8

► Select 'My use only'
► Click 'Next'


New Connection Wizard
Connection Availability
You can make the new connection available to any user or only to yourself.
A connection that is created for your use only is saved in your user account and is not available unless you are logged on.
Create this connection for:
Anyone's use
My use only
< Back
Next >
Cancel

Step 9

► Check the box next to 'Add a shortcut to this connection to my desktop'

► Click 'Finish'

New Connection Wizard
Completing the New Connection Wizard
You have successfully completed the steps needed to create the following connection:
WebMaster Direct Modem
The connection will be saved in the Network Connections folder.
Add a shortcut to this connection to my desktop
To create the connection and close this wizard, click Finish.
< Back
Finish
Cancel

Step 10

► Click 'Properties'

Step 11

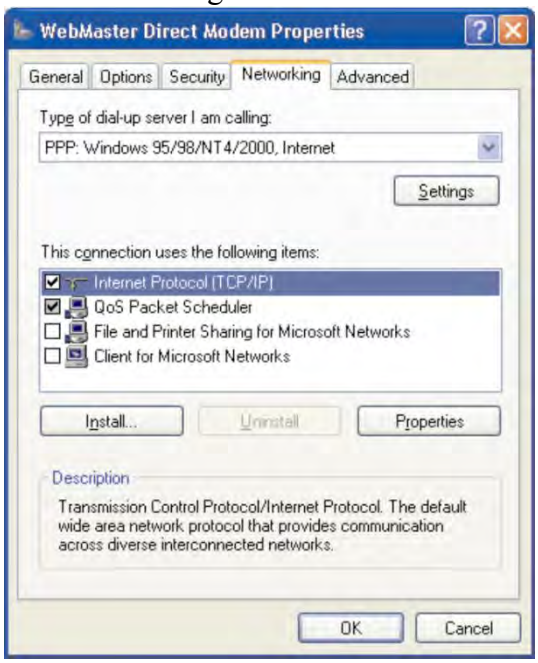
► Click the 'Networking' tab

Step 12

► Check the box next to 'Internet Protocol (TCP/IP)'

► Uncheck all the other boxes

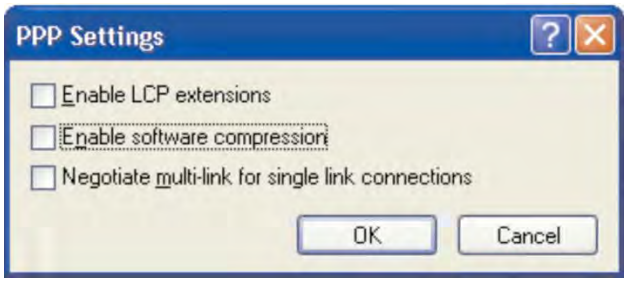
► Click 'Settings'



Step 13

► Uncheck all three options

► Click 'OK'



Step 14

► Highlight 'Internet Protocol (TCP/IP)'

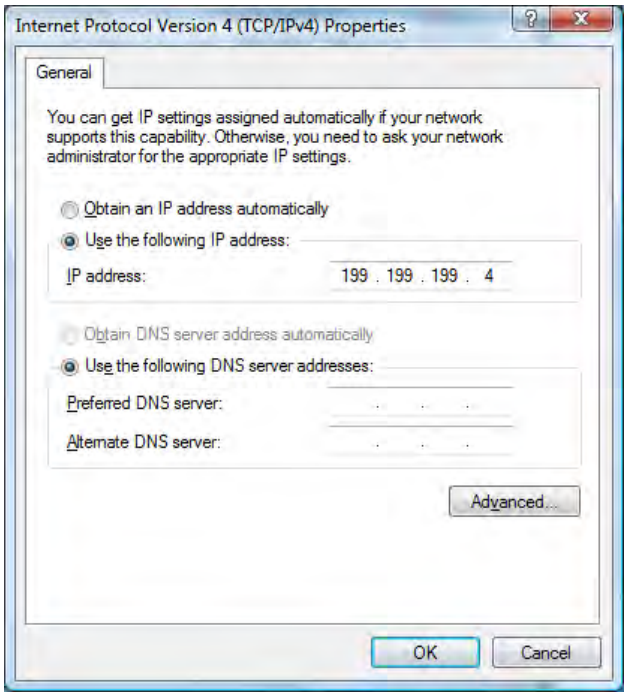
► Click 'Properties'

Step 15

► Select 'Use the following IP address'

► Enter the IP address: 199.199.199.4

► Click 'Advanced'


Internet Protocol Version 4 (TCP/IPv4) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
199 . 199 . 199 . 4
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

Step 16

► Uncheck both boxes

► Click 'OK' until you are back at the 'Connect WebMaster Direct Modem' screen

Advanced TCP/IP Settings
General
DNS
WINS
This checkbox only applies when you are connected to a local network and a dial-up network simultaneously. When checked, data that cannot be sent on the local network is forwarded to the dial-up network.
Use default gateway on remote network
PPP link
Use IP header compression
OK
Cancel

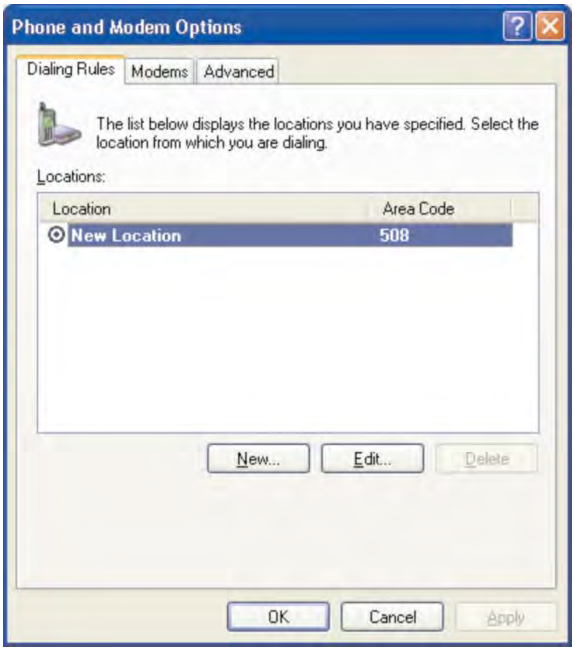
Step 17

► Click 'Cancel'

Step 18

► Return to the Control Panel and double-click 'Phone and Modem Options'

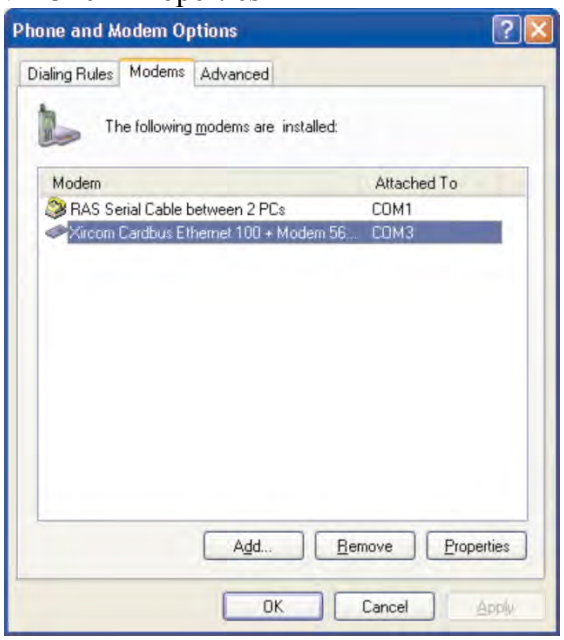
► Click the 'Modems' tab



Step 19

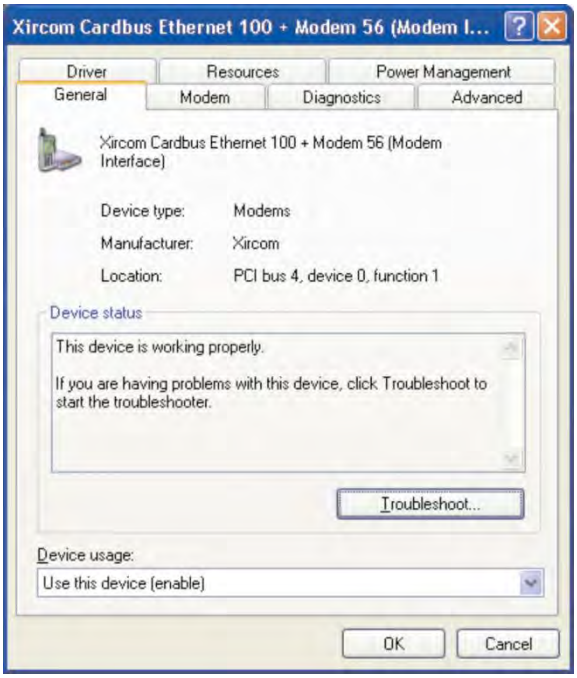
► Highlight the modem to be used

► Click 'Properties'



Step 20

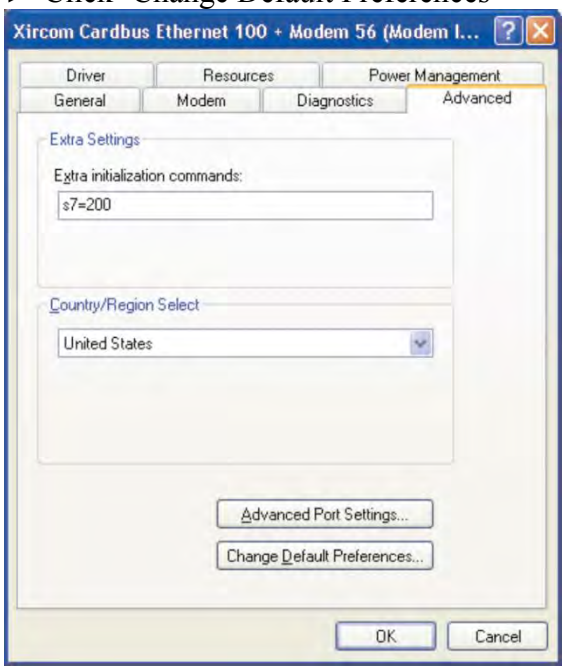
► Click the 'Advanced' tab



Step 21

► In the 'Extra Initialization commands' box, enter 'S7=200'

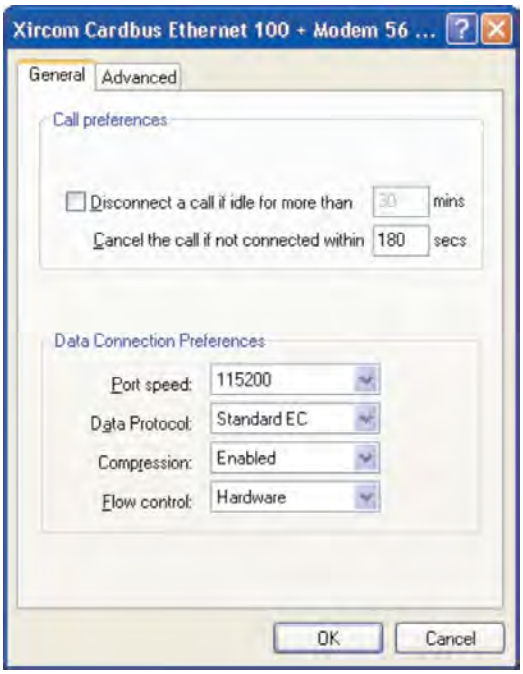
► Click 'Change Default Preferences'



Step 22

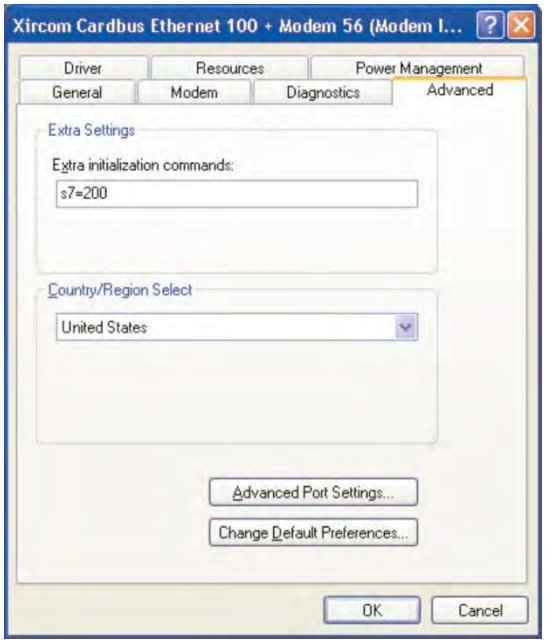
► Enter '180' in ''Cancel the call if not connected within' box

►Click 'OK'



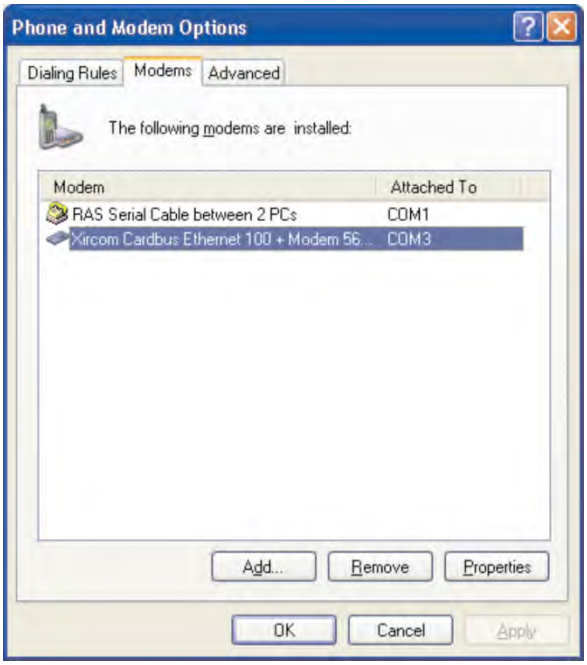
Step 23

► Click 'OK'



Step 24

► Click 'OK'



QUICK START GUIDE

Section 6: MAC (OS Lion)

1. USB DRIVER INSTALLATION

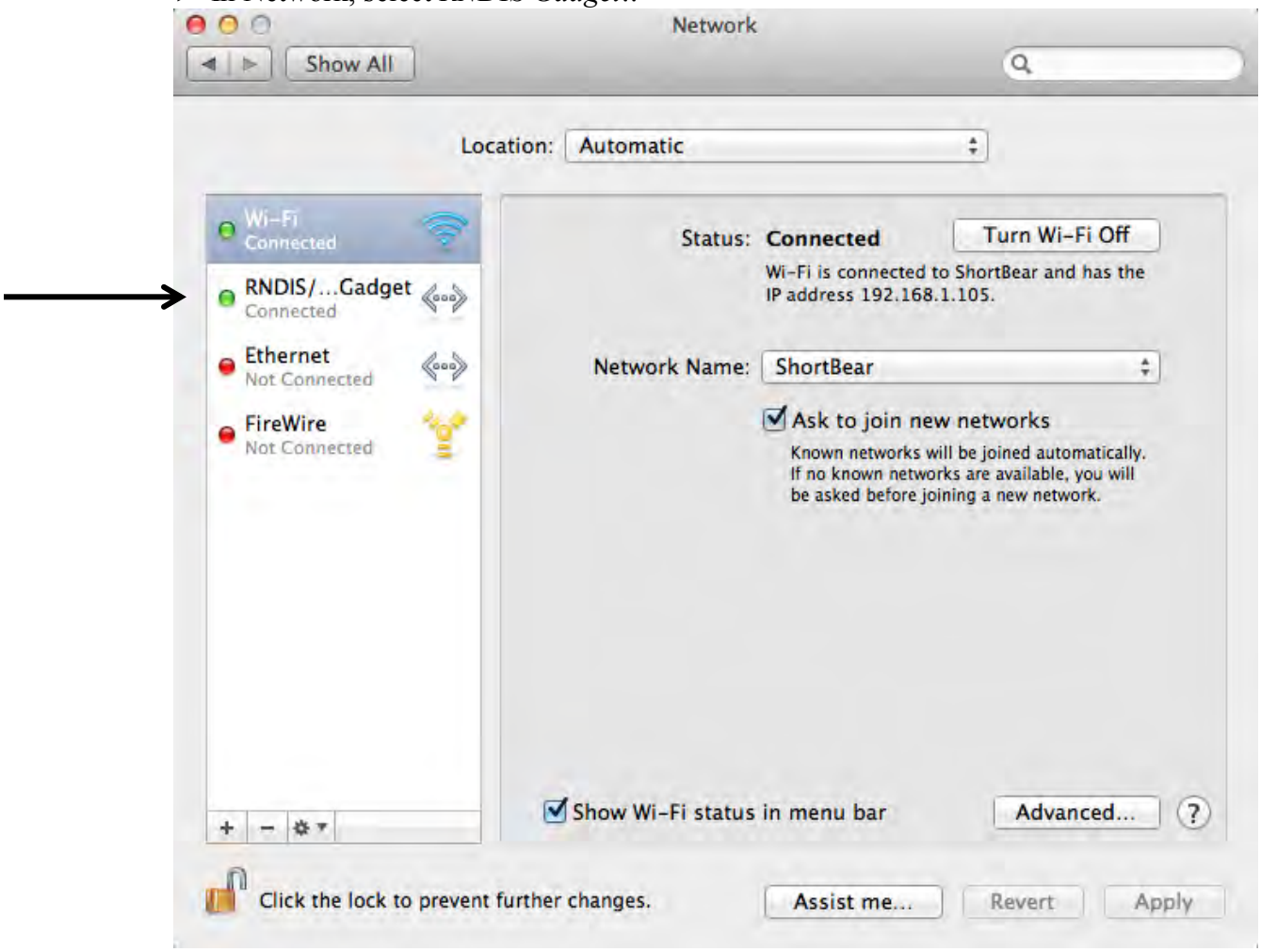
1. USB INSTALLATION FOR MAC

Step 1

► With the USB cable plugged into the computer and controller, go to System Preferences and click on Network:

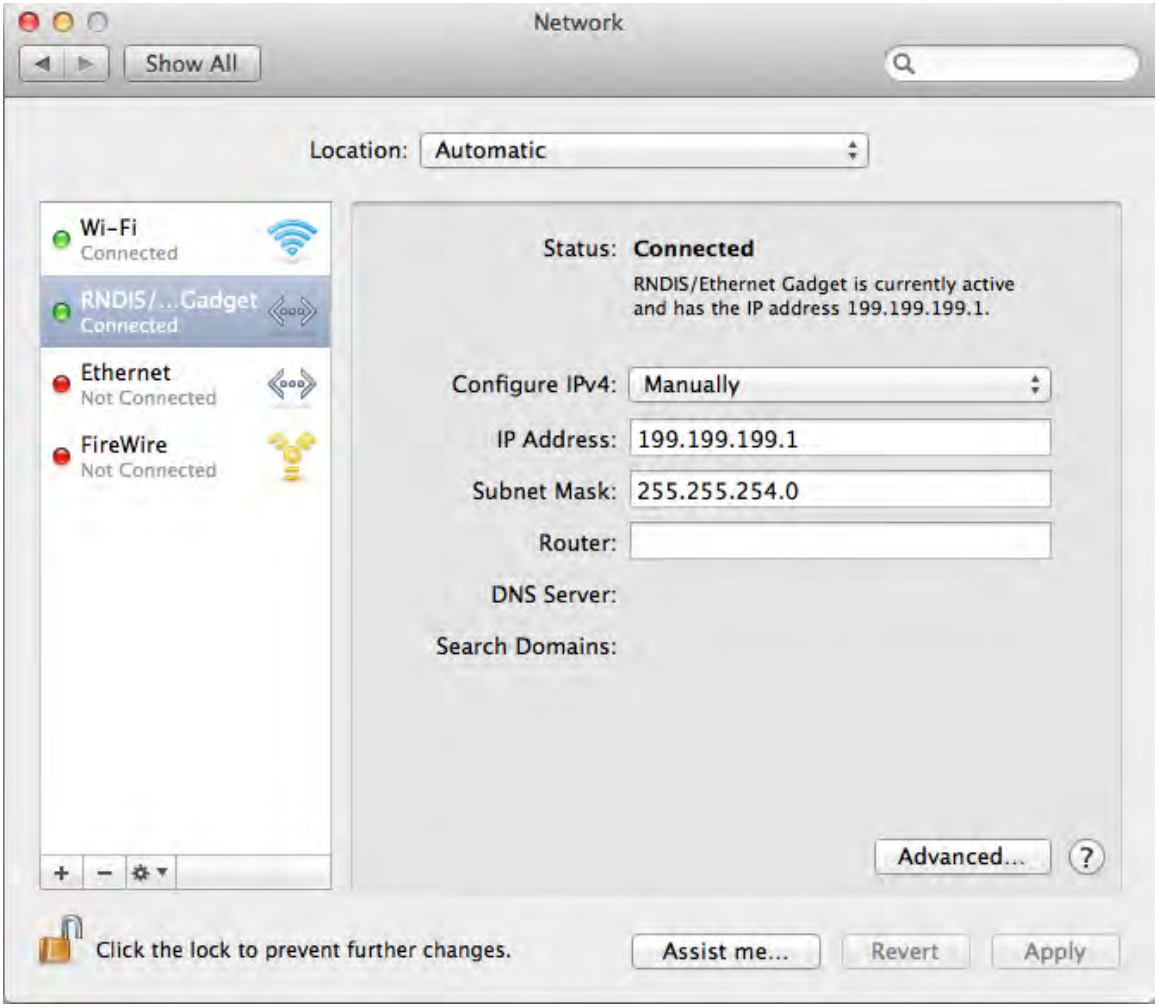
Step 2

► In Network, select *RNDIS Gadget*::



Step 3

► Select Manually for Configure IPv4. IP address should be *199.199.199.1*. Subnet Mask should be *255.255.254.0*. Click Apply.

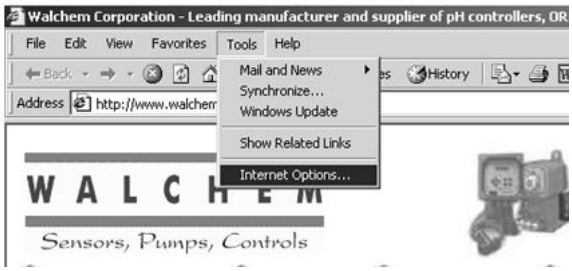


Step 4

► Open Web browser (Internet Explorer, Firefox, Safari, Chrome, etc.) and type in *199.199.199.2* in the address bar to open the login screen.

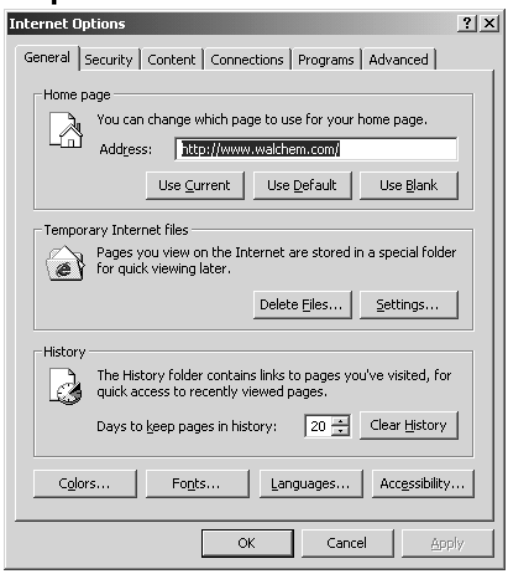
Section 7: CHECK BROWSER SETTINGS

Step 1



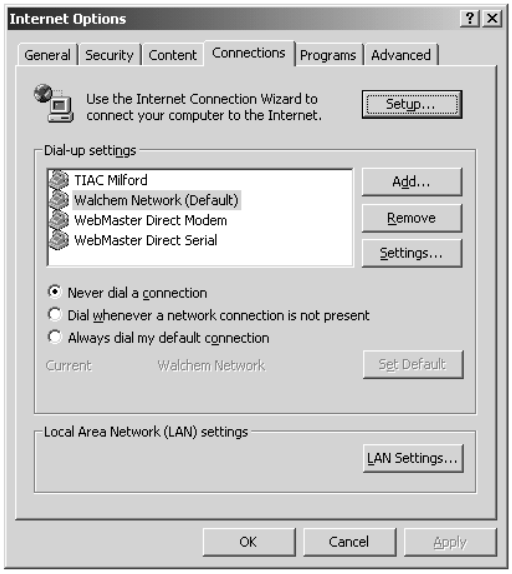
► Click 'Tools' from the top menu bar
► Select 'Internet Options' from the drop down menu

Step 2


Internet Options
General Security Content Connections Programs Advanced
Home page
You can change which page to use for your home page.
Address: http://www.walchem.com/
Use Current Use Default Use Blank
Temporary Internet files
Pages you view on the Internet are stored in a special folder for quick viewing later.
Delete Files... Settings...
History
The History folder contains links to pages you've visited, for quick access to recently viewed pages.
Days to keep pages in history: 20 Clear History
Colors... Fonts... Languages... Accessibility...
OK Cancel Apply

► Click the 'Connections' tab

Step 3



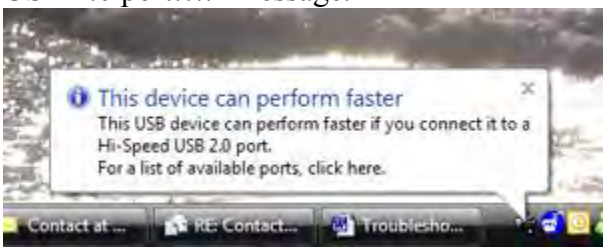
► Click 'Never dial a connection'
► Click 'OK'

Quick Start Guide Section 7:
TROUBLESHOOTING THE USB CONNECTION

Section 7: Troubleshooting the USB connection

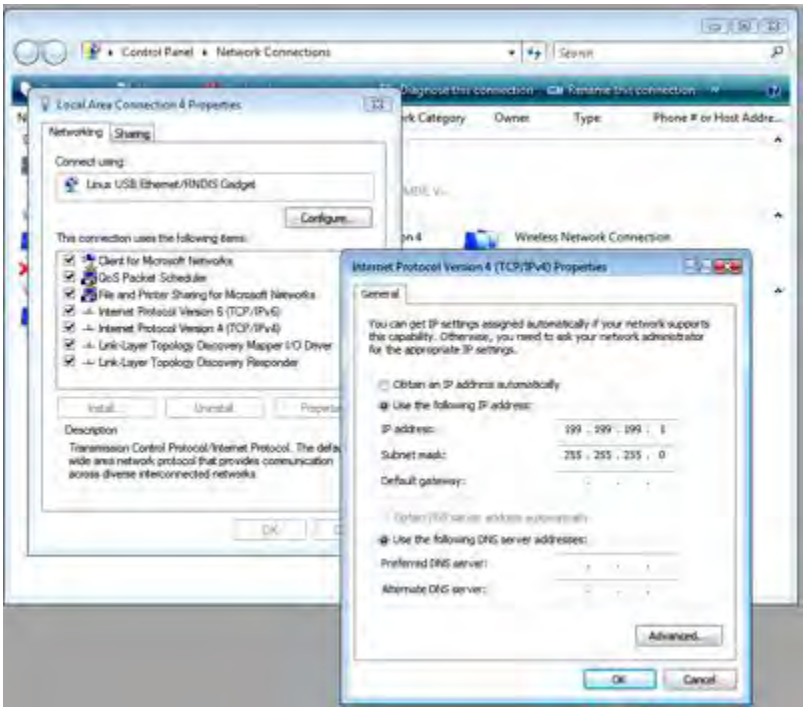
The problem: You connect to the Webmaster with your USB cable, open your browser, type in the IP address 199.199.199.2, and the ***Login Page*** doesn't load. What do you do?

1. First, when you plug the cable in, you should see "Device can perform faster on a USB 2.0 port…." message.


This device can perform faster
This USB device can perform faster if you connect it to a Hi-Speed USB 2.0 port.
For a list of available ports, click here.
Contact at ...
RE: Contact...
Troublesho...

   If you see this, then go to your Network Connections on your computer. Under "LAN or High Speed Connection", you should see Local Area Connection 2 (it may be Local Area Connection 3, or some other number). It should be connected, and the connection time moving. If you see this, then you're connected.

2. Right-click on Properties. Highlight TCP-IP (in Vista, it will be TCP-IP-v4), and click Properties. The IP address should be 199.199.199.1, and the subnet mask should be 255.255.255.0.


Control Panel • Network Connections
Local Area Connection 4 Properties
Networking
Sharing
Connect using:
Linux USB Ethernet/RNDIS Gadget
Configure...
This connection uses the following items:
Client for Microsoft Networks
QoS Packet Scheduler
File and Printer Sharing for Microsoft Networks
Internet Protocol Version 6 (TCP/IPv6)
Internet Protocol Version 4 (TCP/IPv4)
Link-Layer Topology Discovery Mapper I/O Driver
Link-Layer Topology Discovery Responder
Install...
Uninstall
Properties
Description
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.
OK
Cancel
Wireless Network Connection
Internet Protocol Version 4 (TCP/IPv4) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
199 . 199 . 199 . 1
Subnet mask:
255 . 255 . 255 . 0
Default gateway:
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

3. If you don't get the message "This device can perform faster", or if you don't see the Local Area Connection 2, then unplug your USB cable, wait 3 minutes, and plug back in.
4. If waiting 3 minutes and plugging the USB cable back in doesn't work, re-boot both computer and controller.
5. If this doesn't work, read the tips below:

Quick Start Guide Section 7:
TROUBLESHOOTING THE USB CONNECTION

Scenario	Cause	Corrective Action
Connect cable and get New Hardware Found Wizard	Driver not installed	Install driver
	Driver installed on another USB port	Move cable to the other port
Connection worked normally, but after removing cable and plugging it back in after a minute, can't reconnect. Get "this device can work faster" message but No 'Local Area Connection 2' appears.	Driver in PC has not reset	Unplug cable and wait for 5 minutes, or reboot PC
Get "this device can work faster" message when cable is connected. Local Area Connection 2 says it's connected but time is stuck at 0:00. Local Area Connection 2 does not disappear when cable is disconnected	Driver in PC has crashed. Can happen when Controller Restart button is clicked with USB cable connected.	Reboot PC. May require a hard reboot if a blue screen appears on restart attempt.
	Driver in PC is corrupt	Uninstall and reinstall the driver
No "this device can work faster" message when cable is connected, No Local Area Connection 2	Faulty core interface board	Replace CI board
	Foam grommet shorting to CI board (WM1 only)	Put tape between grommet and CI board, or remove grommet
	Faulty USB cable	Replace USB cable
	Noisy DC power supply in controller	Install two p/n 103608 ferrite clamps on the DC output cable of the power supply
	PC does not recognize all USB 1.0 devices	Install a 2.0 USB hub between PC and cable
Get "this device can work faster" message when cable is connected, but No Local Area Connection 2	Driver installed improperly	Uninstall and reinstall driver
Get "this device can work faster" message when cable is connected, get Local Area Connection 2, but it can't be enabled	Faulty USB cable	Replace USB cable
	Noise coupling in on SI, AI, DI	Properly shield all I/O cables. Ensure proper earth ground connection to controller.
Get "this device can work faster" message, Local Area Connection 2 appears, but when 199.199.199.2 is entered in the browser you get "The page cannot be displayed"	Local Area Connection 2 not set to use fixed IP address	Enter 'Local Area Connection 2' properties and enter fixed IP address of 199.199.199.1 as described in Quick Start Guide